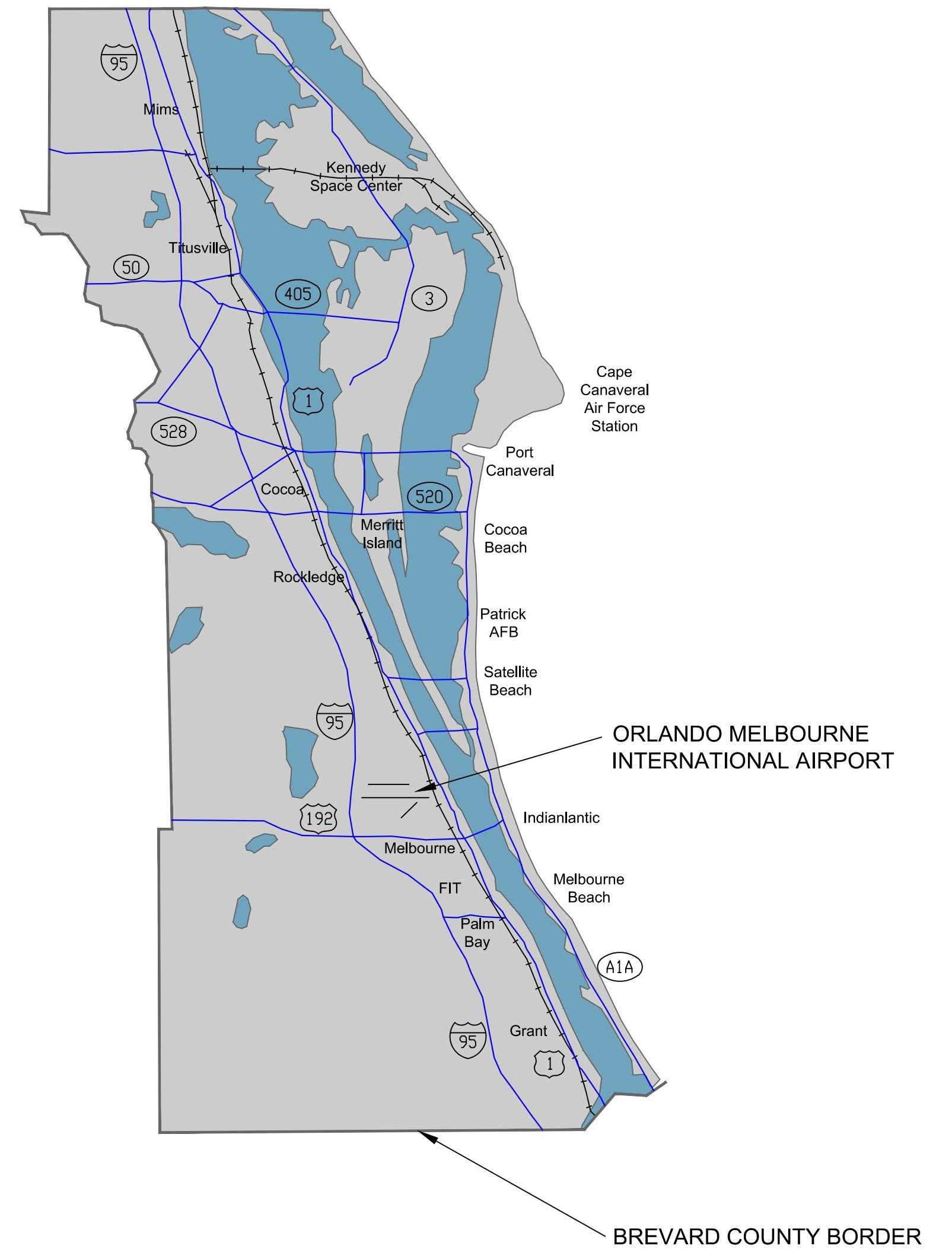


AIRPORT LAYOUT PLAN DRAWING SET

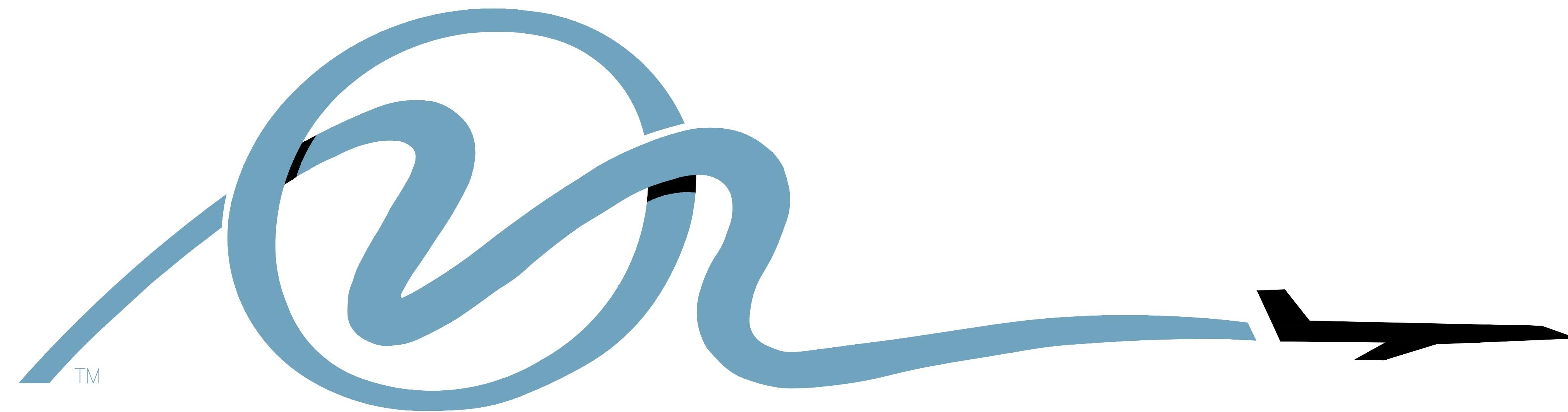


LOCATION MAP

NOT TO SCALE

VICINITY MAP

NOT TO SCALE



MELBOURNE INTERNATIONAL AIRPORT • **MLB**

MELBOURNE, FLORIDA
April 2018

<u>AIRPORT SPONSOR APPROVAL</u>	
SIGNATURE	DATE
NAME (PRINTED)	TITLE
FAA AIP NO.	3-12-0046-40-2014
FDOT FM NO.	431569-1

SHEET

1	TITLE SHEET	10	RUNWAY 27R INNER PORTION OF THE APPROACH SURFACE DRAWING
2	AIRPORT DATA SHEET	11	RUNWAY 5/23 INNER PORTION OF THE APPROACH SURFACE DRAWING
3	AIRPORT LAYOUT PLAN	12	RUNWAY CENTERLINE PROFILES
4	TERMINAL AREA PLAN	13	RUNWAY 9R/27L DEPARTURE SURFACE DRAWING
5	FUTURE CFR PART 77 AIRPORT SURFACES (1 OF 2)	14	ON-AIRPORT LAND USE PLAN
6	FUTURE CFR PART 77 AIRPORT SURFACES (2 OF 2)	15	OFF-AIRPORT LAND USE PLAN
7	RUNWAY 9R INNER PORTION OF THE APPROACH SURFACE DRAWING	16	AIRPORT PROPERTY MAP (1 OF 4)
8	RUNWAY 27L INNER PORTION OF THE APPROACH SURFACE DRAWING	17	PROPERTY MAP - BOUNDARY SURVEY (2 OF 4)
9	RUNWAY 9L INNER PORTION OF THE APPROACH SURFACE DRAWING	18	PROPERTY MAP - LEGAL DESCRIPTIONS (3 OF 4)
		19	PROPERTY MAP - DETAILS (4 OF 4)

RUNWAY DATA		RUNWAY 9R/27L				RUNWAY 9L/27R				RUNWAY 5/23			
		EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE	EXISTING	FUTURE
RUNWAY IDENTIFICATION	9R 27L	9R 27L	D-IV/2400 (BOEING 767)	D-IV/2400 (BOEING 747)	9L 27R	D-IV/4000 (GULFSTREAM G450)	D-IV/4000 (GULFSTREAM G350)	5 23	5 23	B-AVIS (PIPER SEMINOLE)	B-AVIS (KING AIR B100)		
RUNWAY DESIGN CODE (RDC)			D-IV/2400 & D-V/2400	D-IV/2400 & D-V/2400		B-IV/4000 & D-IV/4000	B-IV/4000 & D-IV/4000			B-IV/VS	B-IV/VS		
APPROACH RUNWAY REFERENCE CODE (APRC)										B-IV/S	B-IV/S		
DEPARTURE RUNWAY REFERENCE CODE (DPRC)			D-IV & D-V	D-IV & D-V		B-II & D-II	B-II & D-II			B-II/S	B-II/S		
PAVEMENT SURFACE TYPE / TREATMENT	ASPHALT - GROOVED	ASPHALT - GROOVED	ASPHALT	ASPHALT - GROOVED	ASPHALT	ASPHALT	ASPHALT - GROOVED	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT	ASPHALT
PAVEMENT STRENGTH													
SINGLE WHEEL (LBS.)	100,000	100,000	60,000	60,000						26,000	26,000		
DUAL WHEEL (LBS.)	165,000	165,000	60,000	60,000						N/A	N/A		
DUAL TANDEM (LBS.)	300,000	300,000	N/A	N/A						N/A	N/A		
PAVEMENT CLASSIFICATION NUMBER (PCN)	61/F/B/W/T	TBD	16/F/B/Y/T	TBD		9/F/A/Y/T	TBD			9/F/A/Y/T	TBD		
EFFECTIVE GRADIENT (%)	0.0106	0.0093	0.00133	0.00123		0.0013	0.0013						
LINE OF SIGHT VIOLATIONS (Y/N)	N	N	N	N		N	N			N	N		
ALL-WEATHER WIND COVERAGE (10 KTS)	92.13%	92.13%	92.13%	92.13%		92.13%	92.13%			89.15%	89.15%		
ALL-WEATHER WIND COVERAGE (13 KTS)	96.14%	96.14%	96.14%	96.14%		96.14%	96.14%			94.56%	94.56%		
ALL-WEATHER WIND COVERAGE (16 KTS)	99.14%	99.14%	99.14%	99.14%		99.14%	99.14%			99.00%	99.00%		
ALL-WEATHER WIND COVERAGE (20 KTS)	99.82%	99.82%	99.82%	99.82%		99.82%	99.82%			99.80%	99.80%		
RUNWAY LENGTH	10,181	11,600	6,500	6,500		3,601	3,601			3,017	3,017		
RUNWAY WIDTH	150'	150'	150'	150'		75'	75'			75'	75'		
DISPLACED THRESHOLD (FROM Rwy END)	NONE	699'	1,419'	699'		NONE	NONE			NONE	NONE		
DISPLACED THRESHOLD ELEVATION (NAVD 88)	-	22.2	+32.0'	22.2		-	-			-	-		
DISPLACED THRESHOLD COORDINATES (NAVD 88)													
LATITUDE	-	28° 06' 09.11" N	28° 06' 04.51" N	28° 06' 09.71" N	-	-	-	-	-	-	-	-	
LONGITUDE	-	80° 37' 54.38" W	80° 39' 40.09" W	80° 37' 54.38" W	-	-	-	-	-	-	-	-	
RUNWAY SAFETY AREA (RSA)													
LENGTH BEYOND RUNWAY	1,000'	1,000'	1,000'	1,000'		1,000'	1,000'			240'	240'	240'	240'
LENGTH PRIOR TO THRESHOLD	600'	600'	600'	600'		600'	600'			240'	240'	240'	240'
WIDTH	500'	500'	500'	500'		400'	500'			120'	120'	120'	120'
RUNWAY END ELEVATION (NAVD 88)	32.0'	21.4'	+32.0'	21.4'		30.5'	26.0'	+30.5'	26.0'	25.1'	21.5'	21.5'	21.5'
RUNWAY LIGHTING	HRL	HRL	HRL	HRL		MRL	MRL			MRL	MRL	MRL	MRL
RUNWAY PROTECTION ZONE (RPZ)													
LEVEL	2,600'	1,700'	2,500'	1,700'		1,700'	1,700'			1,000'	1,000'	1,000'	1,000'
INNER WIDTH	1,600'	1,600'	1,000'	1,000'		1,000'	1,000'			250'	250'	250'	250'
OUTER WIDTH	1,750'	1,510'	1,750'	1,510'		1,510'	1,510'			450'	450'	450'	450'
RUNWAY MARKING	PRECISION	PRECISION	PRECISION	PRECISION		PRECISION	PRECISION			VISUAL	VISUAL	VISUAL	VISUAL
14 CFR Part 77													
APPROACH CATEGORY	50 I	34 I	50 I	34 I		34 I	34 I			20 I	20 I	20 I	20 I
APPROACH TYPE	PRECISION	NON-PRECISION (D)	PRECISION	NON-PRECISION (D)		NON-PRECISION (D)	NON-PRECISION (D)			VISUAL (A)	VISUAL (A)	VISUAL (A)	VISUAL (A)
VISIBILITY MINIMUMS	1/2 MILE	3/4 MILE	1/2 MILE	3/4 MILE		3/4 MILE	3/4 MILE			NONE	NONE	NONE	NONE
TYPE OF AERONAUTICAL SURVEY REQUIRED	NONE	NONE	NONE	NONE		NONE	NONE			NONE	NONE	NONE	NONE
RUNWAY DEPARTURE FREE AREA (ROFA)	YES	YES	YES	YES		NO	NO			NO	NO	NO	NO
RUNWAY OBJECT FREE AREA (ROFA)													
LENGTH BEYOND RUNWAY END	1,000'	1,000'	1,000'	1,000'		1,000'	1,000'			240'	240'	240'	240'
LENGTH PRIOR TO THRESHOLD	600'	600'	600'	600'		600'	600'			240'	240'	240'	240'
WIDTH	800'	800'	800'	800'		800'	800'			250'	250'	250'	250'
RUNWAY OBJECT FREE ZONE (OFZ)													
LENGTH	200'	200'	200'	200'		200'	200'			200'	200'	200'	200'
WIDTH	400'	400'	400'	400'		400'	400'			250'	250'	250'	250'
PROJECTION OBJECT FREE ZONE (POFZ)	20 X 400'	10 X 400'	200 X 800'	N/A		N/A	N/A			N/A	N/A	N/A	N/A
THRESHOLD STRING SURFACE (TSS)	TYPE 7 & 8	TYPE 8	TYPE 6	TYPE 6		TYPE 6	TYPE 6			TYPE 2	TYPE 2	TYPE 2	TYPE 2
SLOPE/PCS	34.1 & 30.1	26.1	34.1 & 30.1	26.1		20.1	20.1			26.1	26.1	26.1	26.1
PENETRATIONS (Y/N)	Y	N	N	Y		Y	Y			N	N	N	N
DEPARTURE SURFACE	40.1	40.1	40.1	40.1		N/A	N/A			N/A	N/A	N/A	N/A
VISUAL NAVADS	MALS/PAPI 4L	REIL/PAPI 4L	MALS/PAPI 4L	PAPI 4L		PAPI 4L	PAPI 4L			PAPI 2L	PAPI 2L	PAPI 2L	PAPI 2L
ELECTRONIC NAVADS	GPS/ILS/VOR	GPS/ILS/VOR	GPS/ILS/VOR	GPS/ILS/VOR		GPS	GPS			GPS	GPS	GPS	GPS
TOUCHDOWN ZONE ELEVATION	32.1'	25.8'	32.1'	25.8'		25.8'	33.3'			31.8'	31.8'	31.8'	31.8'
TAXIWAY / TAXILANE WIDTH	75'	75'	75'	75'		50'	50'			50'	50'	50'	50'
TAXIWAY SAFETY AREA (TSA) WIDTH	171'	171'	214'	214'		79'	79'			118'	118'	49'	49'
TAXIWAY OBJECT FREE AREA (TOFA) WIDTH	259'	259'	320'	320'		131'	131'			186'	186'	89'	89'
DISTANCE TO FIXED OR MOBILE OBJECT	128.5'	129.5'	160'	160'		65.5'	65.5'			93'	93'	44.5'	44.5'
TAXIWAY / TAXILANE LIGHTING	MITL	MITL	MITL	MITL		MITL	MITL			MITL	MITL	MITL	MITL
VERTICAL DATUM	NAVD 88	NAVD 88	NAVD 88	NAVD 88		NAVD 88	NAVD 88			NAVD 88	NAVD 88	NAVD 88	NAVD 88
HORIZONTAL DATUM	NAVD 83	NAVD 83	NAVD 83	NAVD 83		NAVD 83	NAVD 83			NAVD 83	NAVD 83	NAVD 83	NAVD 83

MODIFICATIONS OF DESIGN STANDARDS									
NO.	DATE APPROVED	AIRSPACE CASE NUMBER	STANDARD TO BE MODIFIED	DESCRIPTION					

<tbl_r cells="10" ix="3" maxcspan="1" maxrspan="1" usedcols="10

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EXISTING FACILITIES TABLE

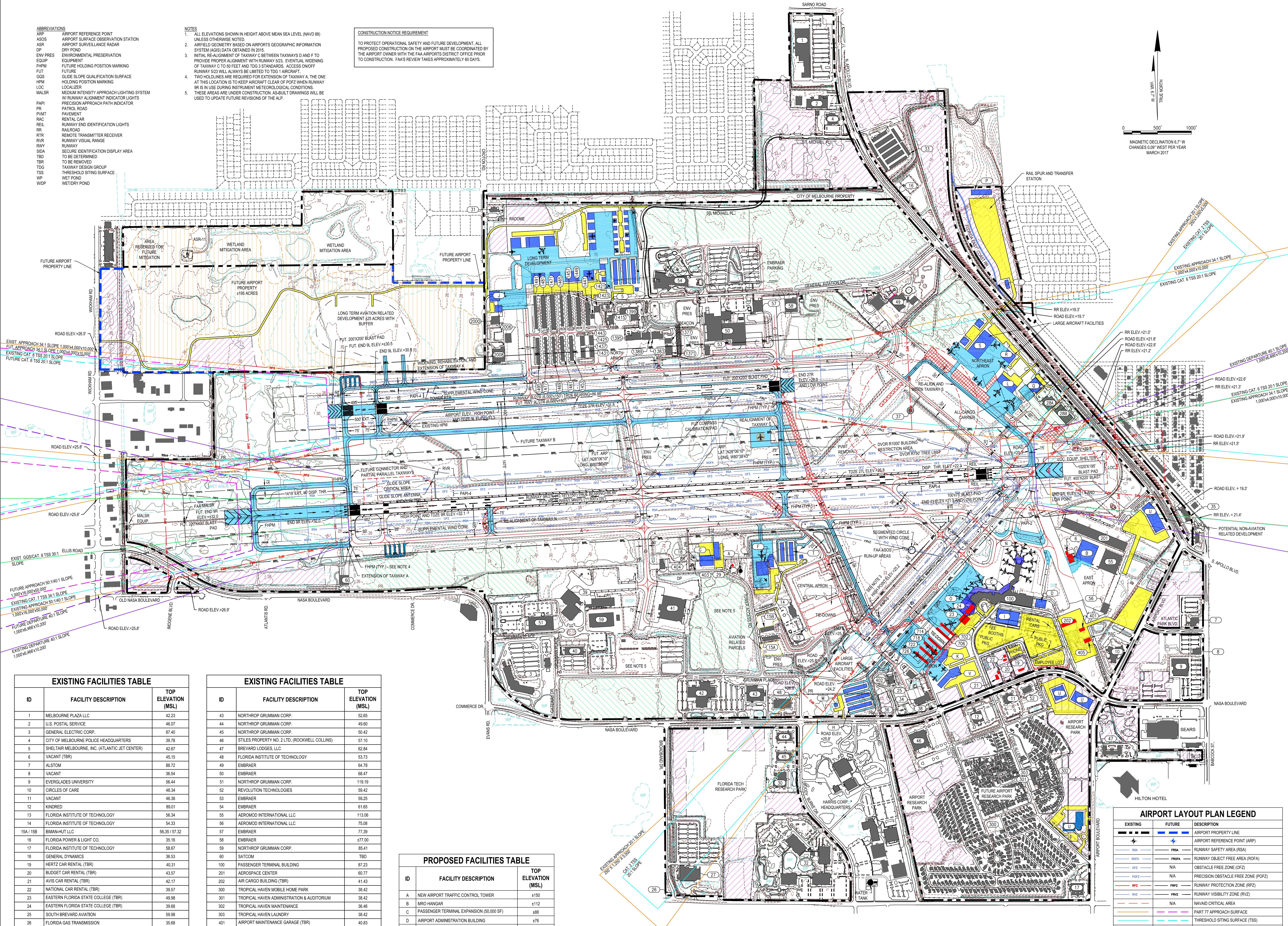
FACILITY DESCRIPTION	TOP ELEVATION (MSL)
MELBOURNE PLAZA LLC	42.23
U.S. POSTAL SERVICE	46.07
GENERAL ELECTRIC CORP.	87.40
CITY OF MELBOURNE POLICE HEADQUARTERS	39.78
HELTAIR MELBOURNE, INC. (ATLANTIC JET CENTER)	42.67
VACANT (TBR)	45.15
ALSTOM	88.72
VACANT	36.54
EVERGLADES UNIVERSITY	56.44
CIRCLES OF CARE	48.34
VACANT	46.36
KINDRED	89.01
LORIDA INSTITUTE OF TECHNOLOGY	56.34
LORIDA INSTITUTE OF TECHNOLOGY	54.33
SIMAN-HUT LLC	56.35 / 57.32
LORIDA POWER & LIGHT CO.	35.16
LORIDA INSTITUTE OF TECHNOLOGY	58.67
GENERAL DYNAMICS	36.53
HERTZ CAR RENTAL (TBR)	40.31
BUDGET CAR RENTAL (TBR)	43.57
AVIS CAR RENTAL (TBR)	42.17
NATIONAL CAR RENTAL (TBR)	39.57
EASTERN FLORIDA STATE COLLEGE (TBR)	49.98
EASTERN FLORIDA STATE COLLEGE (TBR)	39.68
SOUTH BREVARD AVIATION	59.98
LORIDA GAS TRANSMISSION	35.68
THALES	65.71
APEX EXECUTIVE JET CENTER	55.81
APEX EXECUTIVE JET CENTER	±63.00
AA AIRPORT TRAFFIC CONTROL TOWER (TBR)	98.91
3 COMMUNICATIONS	57.09
IOAA	57.51
ROCKWELL-COLLINS	72.75
APOLLO STORAGE	17.91
HARRIS FLIGHT DIVISION	76.63
APOLLO PROFESSIONAL CENTER	48.08
AA REMOTE COMMUNICATIONS AIR/GROUND (RCAG)	34.57
RTRANSMITTER SITE	
AA DOPPLER VHF OMNIDIRECTIONAL RANGE (DVOR)	54.02
AT&T	77.73
WE'RE ASSOCIATES (NORTHROP GRUMMAN)	134.05
NORTHROP GRUMMAN CORP.	84.91
NORTHROP GRUMMAN CORP.	102.97
HENDERSON STARBRIGHT (NORTHROP GRUMMAN)	58.42

EXISTING FACILITIES TABLE

ID	FACILITY DESCRIPTION	TO ELEVA (MS)
43	NORTHROP GRUMMAN CORP.	52.6
44	NORTHROP GRUMMAN CORP.	49.6
45	NORTHROP GRUMMAN CORP.	50.4
46	STILES PROPERTY NO. 2 LTD. (ROCKWELL COLLINS)	57.1
47	BREVARD LODGES, LLC	62.8
48	FLORIDA INSTITUTE OF TECHNOLOGY	53.7
49	EMBRAER	64.7
50	EMBRAER	68.4
51	NORTHROP GRUMMAN CORP.	119.
52	REVOLUTION TECHNOLOGIES	59.4
53	EMBRAER	59.2
54	EMBRAER	61.6
55	AEROMOD INTERNATIONAL LLC	113.
56	AEROMOD INTERNATIONAL LLC	75.0
57	EMBRAER	77.3
58	EMBRAER	±77.
59	NORTHROP GRUMMAN CORP.	85.4
60	SATCOM	TBD
100	PASSENGER TERMINAL BUILDING	87.2
201	AEROSPACE CENTER	60.7
202	AIR CARGO BUILDING (TBR)	41.4
300	TROPICAL HAVEN MOBILE HOME PARK	38.4
301	TROPICAL HAVEN ADMINISTRATION & AUDITORIUM	38.4
302	TROPICAL HAVEN MAINTENANCE	36.4
303	TROPICAL HAVEN LAUNDRY	38.4
401	AIRPORT MAINTENANCE GARAGE (TBR)	40.8
402	AIRPORT FUEL FARM	40.5
403	AIRFIELD LIGHTING VAULT	40.3
404	ARFF STATION (STATION 73)	59.0
405	AIRPORT OPERATIONS AND MAINTENANCE (TBR)	39.9
702 - 726	SOUTH T-HANGARS (TBR)	40.7
1371 - 1395	SHELTAIR MELBOURNE, INC. (ATLANTIC JET CENTER)	61.2
1399 & 1415	SOUTHEAST AEROSPACE	62.61 &
1421 & 1423	VACANT	49.80 &
1425 - 1443	SHELTAIR MELBOURNE, INC.	53.1
1447	SHELTAIR MELBOURNE, INC.	53.1
1449 - 1469	SHELTAIR MELBOURNE, INC.	50.9
1477	SHELTAIR MELBOURNE, INC.	47.2
1471 & 1481	BRANDON	52.18 &
1491 & 1495	BRANDON	52.13 &
2000	HANGAR LLC	64.5
2006	AEROMOD INTERNATIONAL LLC	81.0
2008	EMBRAER	73.4

PROPOSED FACILITIES TABL

ID	FACILITY DESCRIPTION	TOP ELEVATION (MSL)
A	NEW AIRPORT TRAFFIC CONTROL TOWER	±150
B	MRO HANGAR	±112
C	PASSENGER TERMINAL EXPANSION (50,000 SF)	±88
D	AIRPORT ADMINISTRATION BUILDING	±76
E	MULTI-MODAL CARGO TRANSFER FACILITY	±60
F	NEW EASTERN FLORIDA STATE COLLEGE FACILITIES	±75
G	NEW AIRPORT OPERATIONS AND MAINTENANCE	±60
H	T-HANGARS (48 UNITS)	±45
I	PARKING GARAGE (±1,200 SPACES)	±90
J	CLEARSPAN HANGARS (2)	±60
K	WEST APRON FBO TERMINAL (±30,000 SF)	±70
L	AIR CARGO FACILITY (37,500 SF)	±60
M	PILOT BUILDING (2,500 SF)	±45
N	DOMESTIC TERMINAL EXPANSION (16,000 SF)	±76
O	INTERNATIONAL TERMINAL EXPANSION (50,000 SF)	±76
P	MULTI-MODAL CARGO TRANSFER FACILITY	±60
Q	APEX EXECUTIVE JET CENTER	±63
R	LARGE AIRCRAFT FACILITIES	±75
S	LARGE AIRCRAFT FACILITIES	±75
T	T-HANGARS (24 UNITS)	±45
U	NON-AVIATION RELATED (EXAMPLE)	TBD
V	HOTEL	±96



AIRPORT LAYOUT PLAN DRAWING SET

REVISION

No.	Date	Revision
Date APR. 2018		Designed By MDE
Drawn By MDE		Checked By DJD
Sheet Name		
AIRPORT LAYOUT PLAN		
Sheet No.		
<h1>3</h1>		
Project No.:		
D140023		

3

D140023

EXISTING FACILITIES TABLE

ID	FACILITY DESCRIPTION	TOP ELEVATION (MSL)
1	MELBOURNE PLAZA LLC	42.23
2	U.S. POSTAL SERVICE	46.07
3	GENERAL ELECTRIC CORP.	87.40
4	CITY OF MELBOURNE POLICE HEADQUARTERS	39.78
5	SHELTAIR MELBOURNE, INC. (ATLANTIC JET CENTER)	42.67
6	VACANT (TBR)	45.15
7	ALSTOM	88.72
8	VACANT	36.54
9	EVERGLADES UNIVERSITY	56.44
10	CIRCLES OF CARE	48.34
11	VACANT	46.36
12	KINDRED	89.01
13	FLORIDA INSTITUTE OF TECHNOLOGY	56.34
14	FLORIDA INSTITUTE OF TECHNOLOGY	54.33
15A / 15B	BIMAN-HUT LLC	56.35 / 57.32
16	FLORIDA POWER & LIGHT CO.	35.16
17	FLORIDA INSTITUTE OF TECHNOLOGY	58.67
18	GENERAL DYNAMICS	36.53
19	HERTZ CAR RENTAL (TBR)	40.31
20	BUDGET CAR RENTAL (TBR)	43.57
21	AVIS CAR RENTAL (TBR)	42.17
22	NATIONAL CAR RENTAL (TBR)	39.57
23	EASTERN FLORIDA STATE COLLEGE (TBR)	49.98
24	EASTERN FLORIDA STATE COLLEGE (TBR)	39.68
25	SOUTH BREVARD AVIATION	59.98
26	FLORIDA GAS TRANSMISSION	35.68
27	THALES	65.71
28A	APEX EXECUTIVE JET CENTER	55.81
28B	APEX EXECUTIVE JET CENTER	±63.00
29	FAA AIRPORT TRAFFIC CONTROL TOWER (TBR)	98.91
30	L3 COMMUNICATIONS	57.09
31	NOAA	57.51
32	ROCKWELL-COLLINS	72.75
33	APOLLO STORAGE	17.91
34	HARRIS FLIGHT DIVISION	76.63
35	APOLLO PROFESSIONAL CENTER	48.08
36	FAA REMOTE COMMUNICATIONS AIR/GROUND (RCAG) TRANSMITTER SITE	34.57
37	FAA DOPPLER VHF OMNIDIRECTIONAL RANGE (DVOR)	54.02
38	AT&T	77.73
39	WE'RE ASSOCIATES (NORTHROP GRUMMAN)	134.05
40	NORTHROP GRUMMAN CORP.	84.91
41	NORTHROP GRUMMAN CORP.	102.97
42	HENDERSON STARBRIGHT (NORTHROP GRUMMAN)	58.42
43	NORTHROP GRUMMAN CORP.	52.65
44	NORTHROP GRUMMAN CORP.	49.60
45	NORTHROP GRUMMAN CORP.	50.42
46	STILES PROPERTY NO. 2 LTD. (ROCKWELL COLLINS)	57.10
47	BREVARD LODGES, LLC	62.84
48	FLORIDA INSTITUTE OF TECHNOLOGY	53.73
49	EMBRAER	64.78
50	EMBRAER	68.47
51	NORTHROP GRUMMAN CORP.	119.19
52	REVOLUTION TECHNOLOGIES	59.42
53	EMBRAER	59.25
54	EMBRAER	61.65
55	AEROMOD INTERNATIONAL LLC	113.06
56	AEROMOD INTERNATIONAL LLC	75.08
57	EMBRAER	77.39
58	EMBRAER	±77.00
59	NORTHROP GRUMMAN CORP.	85.41
60	SATCOM	TBD
100	PASSENGER TERMINAL BUILDING	87.23
201	AEROSPACE CENTER	60.77
202	AIR CARGO BUILDING (TBR)	41.43
300	TROPICAL HAVEN MOBILE HOME PARK	38.42
301	TROPICAL HAVEN ADMINISTRATION & AUDITORIUM	38.42
302	TROPICAL HAVEN MAINTENANCE	36.46
303	TROPICAL HAVEN LAUNDRY	38.42
401	AIRPORT MAINTENANCE GARAGE (TBR)	40.83
402	AIRPORT FUEL FARM	40.59
403	AIRFIELD LIGHTING VAULT	40.38
404	ARFF STATION (STATION 73)	59.04
405	AIRPORT OPERATIONS AND MAINTENANCE (TBR)	39.97
702 - 726	SOUTH T-HANGARS (TBR)	40.78
1371 - 1395	SHELTAIR MELBOURNE, INC. (ATLANTIC JET CENTER)	61.20
1399 & 1415	SOUTHEAST AEROSPACE	62.61 & 60.18
1421 & 1423	VACANT	49.80 & 50.64
1425 - 1443	SHELTAIR MELBOURNE, INC.	53.14
1447	SHELTAIR MELBOURNE, INC.	53.14
1449 - 1469	SHELTAIR MELBOURNE, INC.	50.91
1477	SHELTAIR MELBOURNE, INC.	47.26
1471 & 1481	BRANDON	52.18 & 51.34
1491 & 1495	BRANDON	52.13 & 47.48
2000	HANGAR LLC	64.54
2006	AEROMOD INTERNATIONAL LLC	81.03
2008	EMBRAER	73.46

NOTE: FACILITIES NO. 1371 TO 2008 BASED ON STREET ADDRESSES

PROPOSED FACILITIES TABLE		
ID	FACILITY DESCRIPTION	TOP ELEVATION (MSL)
A	NEW AIRPORT TRAFFIC CONTROL TOWER	±150
B	MRO HANGAR	±112
C	PASSENGER TERMINAL EXPANSION (50,000 SF)	±88
D	AIRPORT ADMINISTRATION BUILDING	±76
E	MULTI-MODAL CARGO TRANSFER FACILITY	±60
F	NEW EASTERN FLORIDA STATE COLLEGE FACILITIES	±75
G	NEW AIRPORT OPERATIONS AND MAINTENANCE	±60
H	T-HANGARS (48 UNITS)	±45
I	PARKING GARAGE (±1,200 SPACES)	±90
J	CLEARSPAN HANGARS (2)	±60
K	WEST APRON FBO TERMINAL (±30,000 SF)	±70
L	AIR CARGO FACILITY (37,500 SF)	±60
M	PILOT BUILDING (2,500 SF)	±45
N	DOMESTIC TERMINAL EXPANSION (16,000 SF)	±76
O	INTERNATIONAL TERMINAL EXPANSION (50,000 SF)	±76
P	MULTI-MODAL CARGO TRANSFER FACILITY	±60
Q	APEX EXECUTIVE JET CENTER	±63
R	LARGE AIRCRAFT FACILITIES	±75
S	LARGE AIRCRAFT FACILITIES	±75
T	T-HANGARS (24 UNITS)	±45
U	NON-AVIATION RELATED (EXAMPLE)	TBD
V	HOTEL	±96

The diagram illustrates a runway configuration with runway 5/23 (3,001' x 75') oriented diagonally. The runway is marked with a thick black line and labeled "RWY 5/23 (3,001'x75') TRUE BEARING". A dashed white line extends from the center of the runway. Surrounding the runway are various taxiways and safety areas, each marked with a distinct pattern:

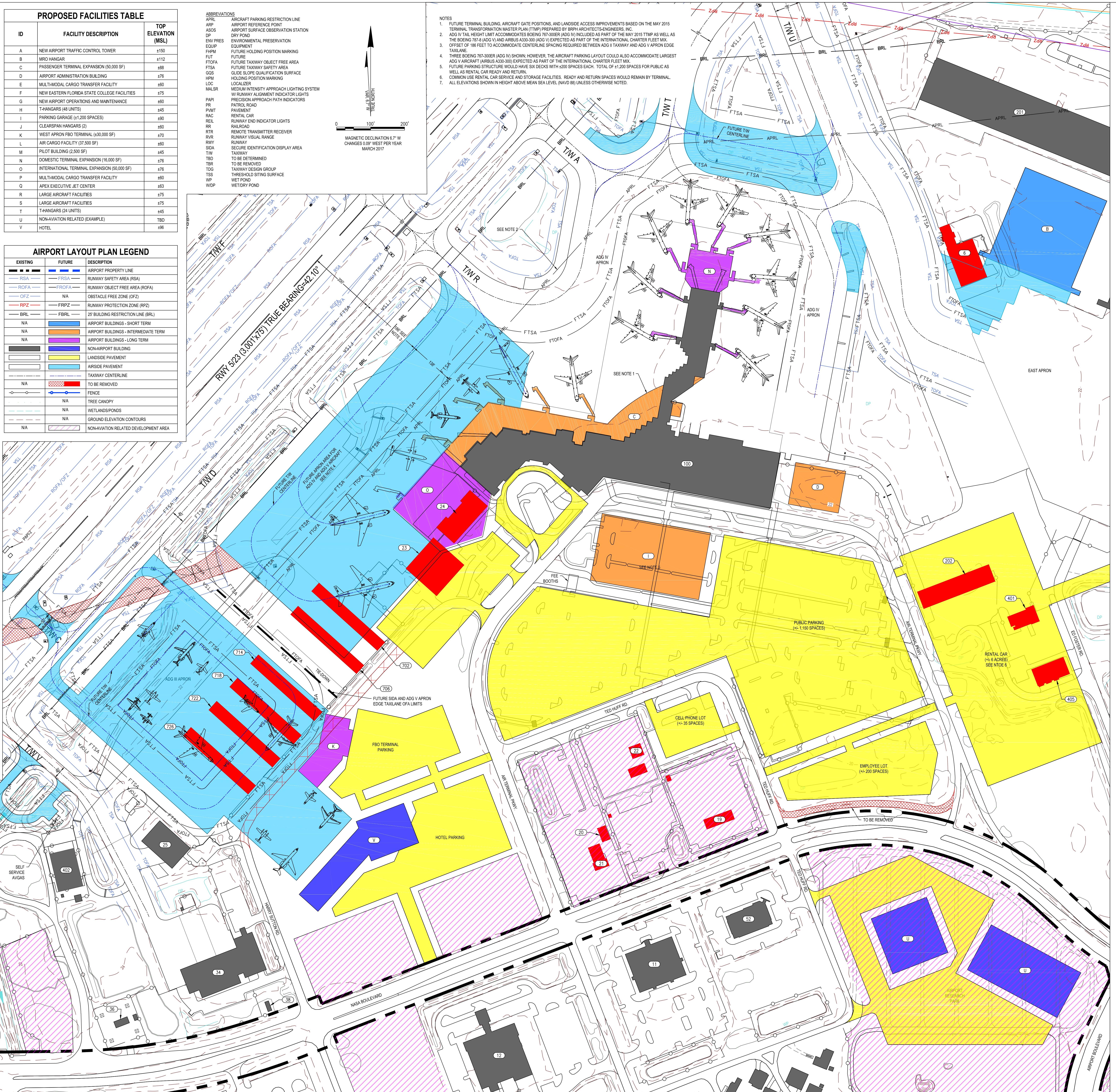
- BRL**: Aircraft Parking Restriction Line (solid black line).
- TSA**: Future Taxiway Safety Area (blue dashed line).
- TOFA**: Future Taxiway Object Free Area (red dashed line).
- TSF**: Future Taxiway Surface Free Area (dashed line).
- TWF**: Future Taxiway Free Area (dashed line).
- ROFA**: Runway Object Free Area (red dashed line).
- OFZ**: Runway Object Free Zone (red dashed line).
- RSA**: Runway Safety Area (blue dashed line).
- FTSA**: Future Taxiway Surface Area (dashed line).

The chart also features several labels indicating the direction of the true bearing:

- 180°**: North
- 135°**: South
- 90°**: East
- 45°**: West

NOTES

1. FUTURE TERMINAL BUILDING, AIRCRAFT GATE POSITIONS, AND LANDSIDE ACCESS IMPROVEMENTS BASED ON THE MAY 2015 TERMINAL TRANSFORMATION MASTER PLAN (TTMP) PREPARED BY BRPH ARCHITECTS-ENGINEERS, INC.
2. ADG IV TAIL HEIGHT LIMIT ACCOMMODATES BOEING 767-300ER (ADG IV) INCLUDED AS PART OF THE MAY 2015 TTMP AS WELL AS THE BOEING 787-8 (ADG V) AND AIRBUS A330-300 (ADG V) EXPECTED AS PART OF THE INTERNATIONAL CHARTER FLEET MIX.
3. OFFSET OF 186 FEET TO ACCOMMODATE CENTERLINE SPACING REQUIRED BETWEEN ADG II TAXIWAY AND ADG V APRON EDGE TAXILANE.
4. THREE BOEING 767-300ER (ADG IV) SHOWN; HOWEVER, THE AIRCRAFT PARKING LAYOUT COULD ALSO ACCOMMODATE LARGEST ADG V AIRCRAFT (AIRBUS A330-300) EXPECTED AS PART OF THE INTERNATIONAL CHARTER FLEET MIX.
5. FUTURE PARKING STRUCTURE WOULD HAVE SIX DECKS WITH ±200 SPACES EACH. TOTAL OF ±1,200 SPACES FOR PUBLIC AS WELL AS RENTAL CAR READY AND RETURN.
6. COMMON USE RENTAL CAR SERVICE AND STORAGE FACILITIES. READY AND RETURN SPACES WOULD REMAIN BY TERMINAL.
7. ALL ELEVATIONS SHOWN IN HEIGHT ABOVE MEAN SEA LEVEL (NAVD 88) UNLESS OTHERWISE NOTED.



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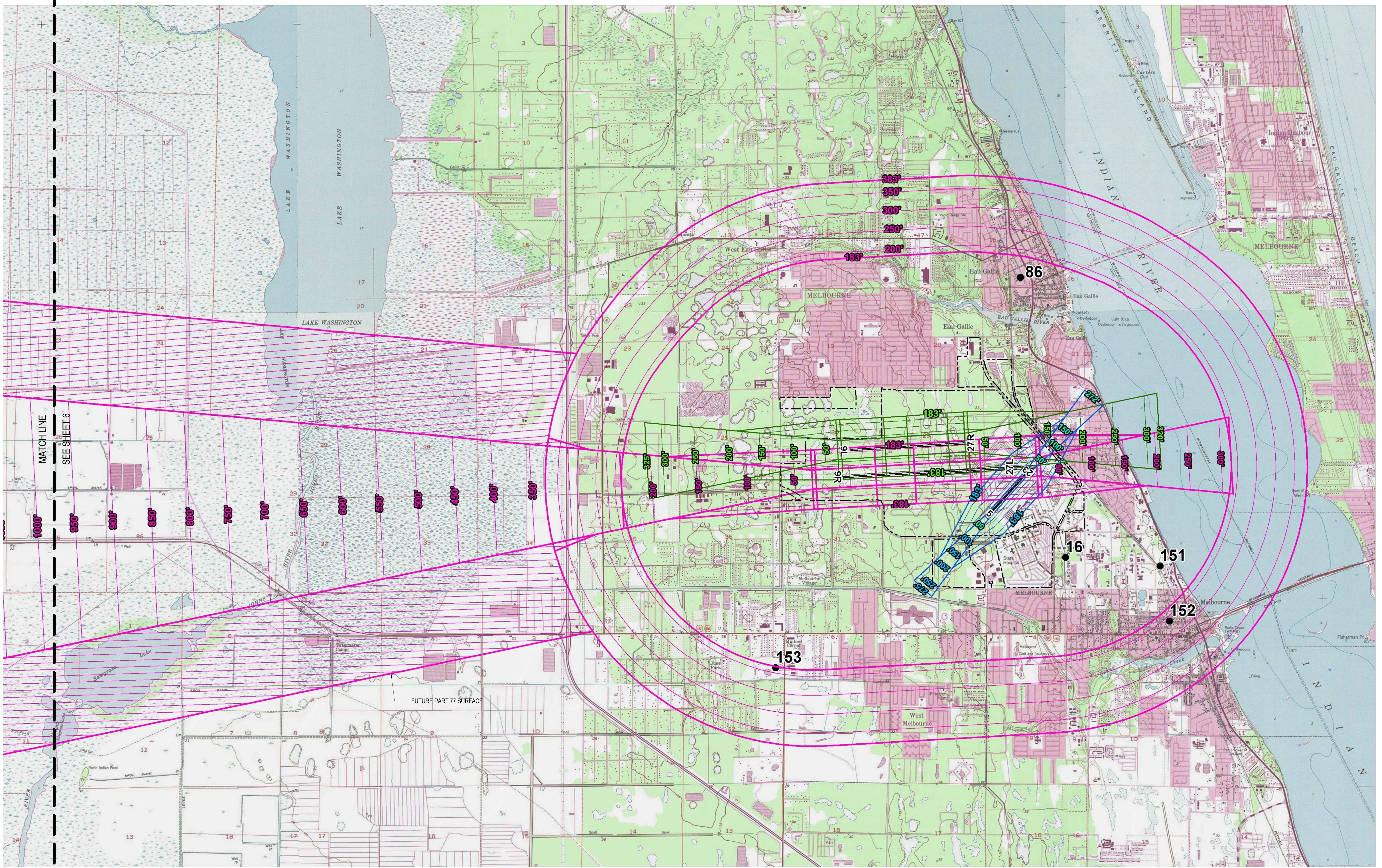
AIRPORT LAYOUT PLAN DRAWING SET

REVISION

TERMINAL AREA

Sheet No

1



ABBREVIATIONS

NOTES:
 1. ALL ELEVATIONS SHOWN IN FEET ABOVE MEAN SEA LEVEL (NAVD 88). REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE-IN OBSTRUCTION DETAILS TO EACH EXISTING AND FUTURE RUNWAY END.
 2. OBSTRUCTION DATA SHOWN BASED ON AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) DATA OBTAINED AND ANALYZED IN 2015.
 3. FOR CONSIDERABLE LAND USE AND DEVELOPMENT STANDARDS AROUND THE AIRPORT, REFERENCE THE FOLLOWING:
 • CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA VOLUME II - CHAPTER 6 LAND DEVELOPMENT REGULATIONS, PART III - LAND DEVELOPMENT REGULATIONS, APPENDIX A - AIRPORT ZONING ORDINANCE (CURRENT VERSION).
 • CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA VOLUME II - CHAPTER 6 LAND DEVELOPMENT REGULATIONS, ARTICLE VI - ZONING REGULATIONS, DIVISION 4 - SUPPLEMENTAL REGULATIONS, SUBDIVISION II - AIRPORT AND AIRSPACE RESTRICTIONS (CURRENT VERSION).

0 1000' 2000'

OBSTRUCTION DATA TABLE

NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION	OBJECT ELEVATION	RW 9L/27L PART77 PENETRATION	RW 9L/27R PART77 PENETRATION	RW 5/23 PART77 PENETRATION	PROPOSED DISPOSITION
16	BLDG 12002248	19.88	194.0	10.74	10.74	10.74	INSTALL OL ON BLDG
88	ANT ON TWR	16.49	193.34	16.08	16.08	-	NO ACTION (OL ON TOWER)
151	TOWER 1200338	21.21	210.28	27.02	-	-	INSTALL OL ON TOWER
152	BLDG 128960	18.60	241.62	30.60	-	-	INSTALL OL ON BLDG
153	TOWER 12003005	25.16	218.99	10.46	-	-	INSTALL OL ON TOWER

N 45° 30' W
TRUE NORTH

MAGNETIC DECLINATION 6.7° W
CHANGES 0.0° WEST PER YEAR
MARCH 2017

AIRPORT LAYOUT PLAN DRAWING SET

REVISION

No.	Date	Revision

Date	Designed By
APR. 2018	MDE

Drawn By	Checked By
MDE	DJD

Sheet Name

FUTURE CFR PART 77 AIRPORT SURFACES (1 OF 2)

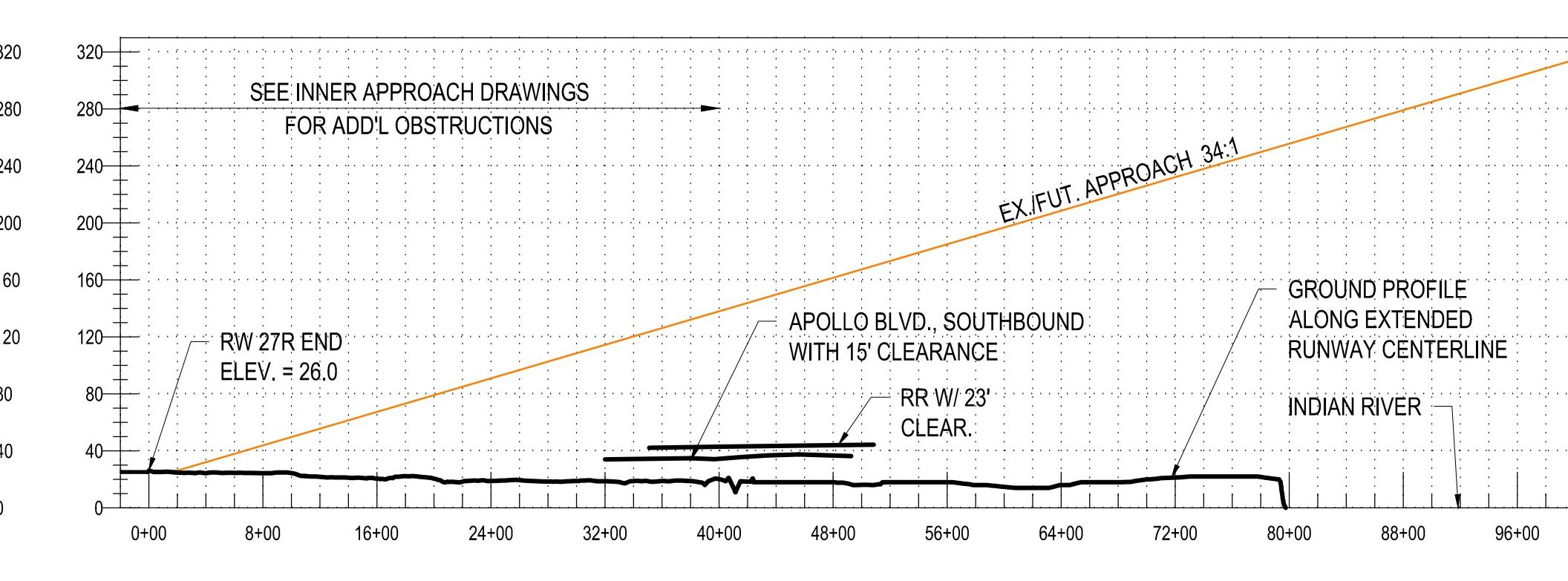
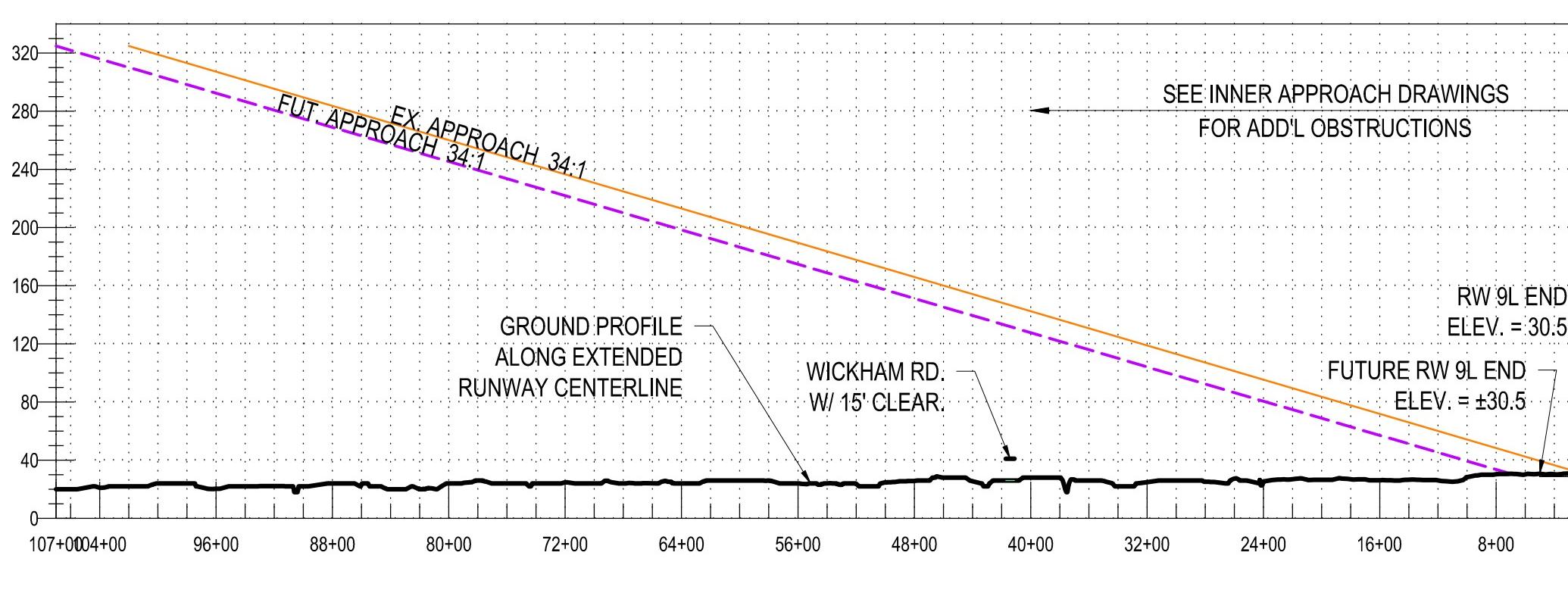
Sheet No.

5

Project No.: D140023

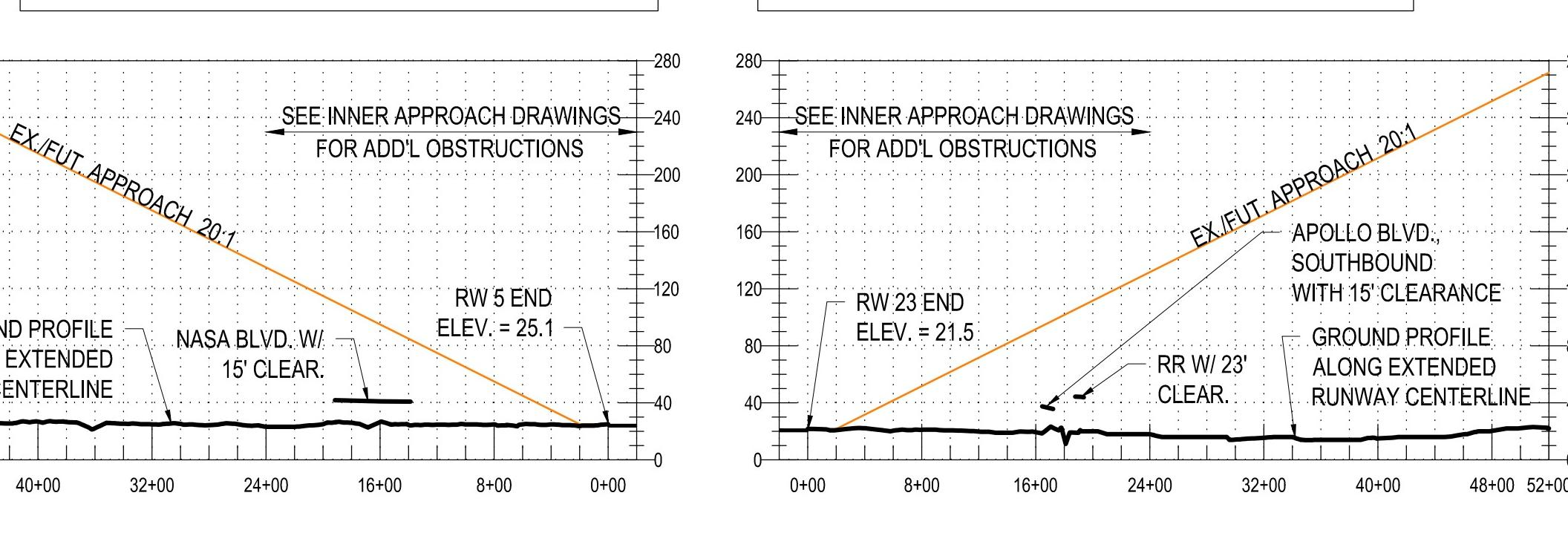
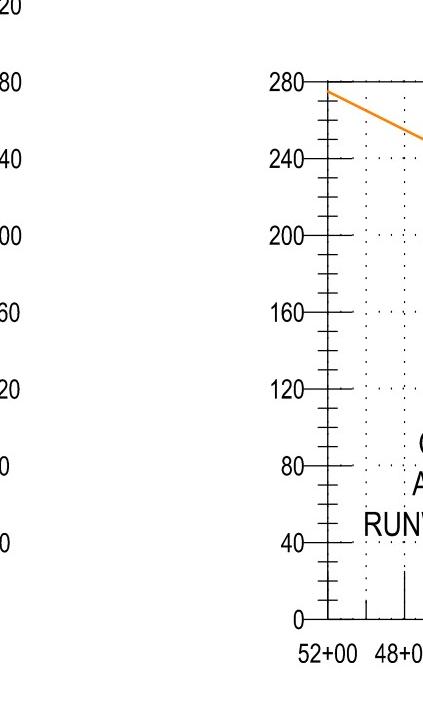
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SCALE: V: 1"= 100', H: 1"=1000'

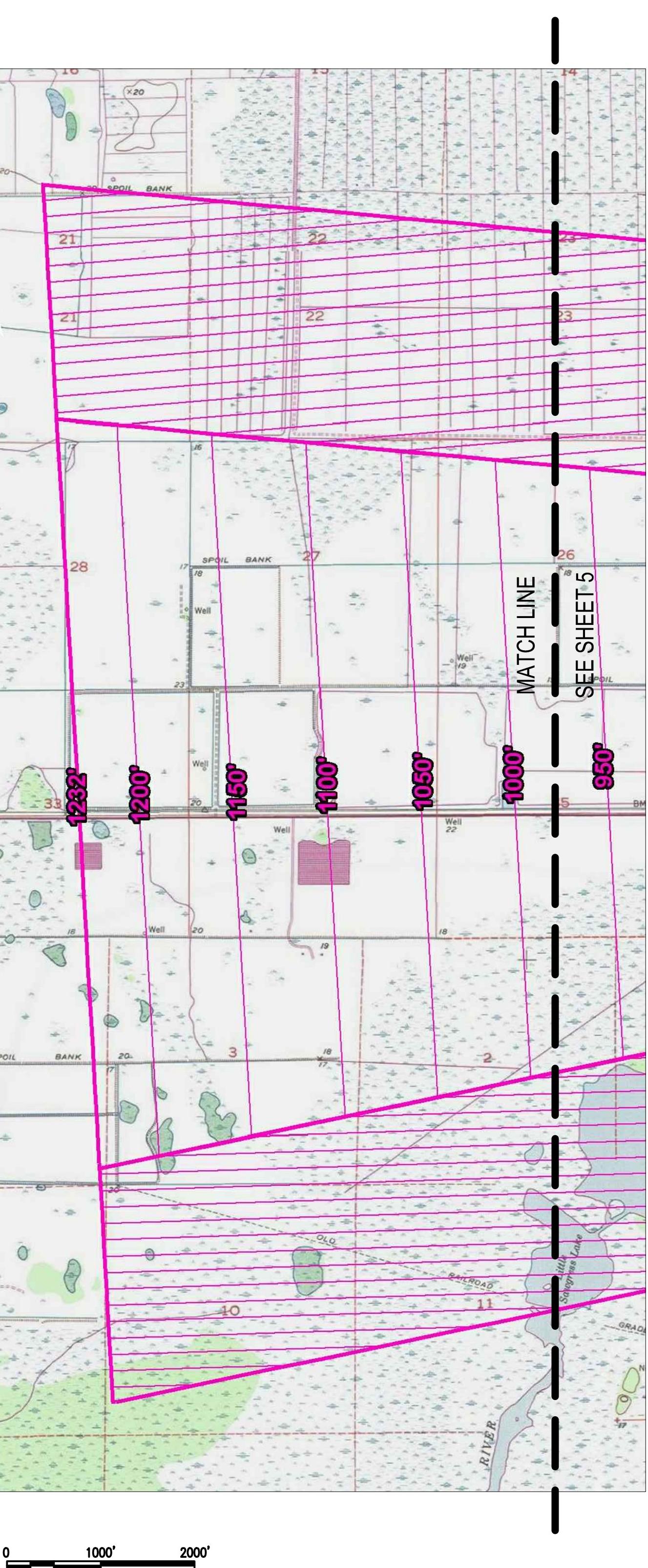
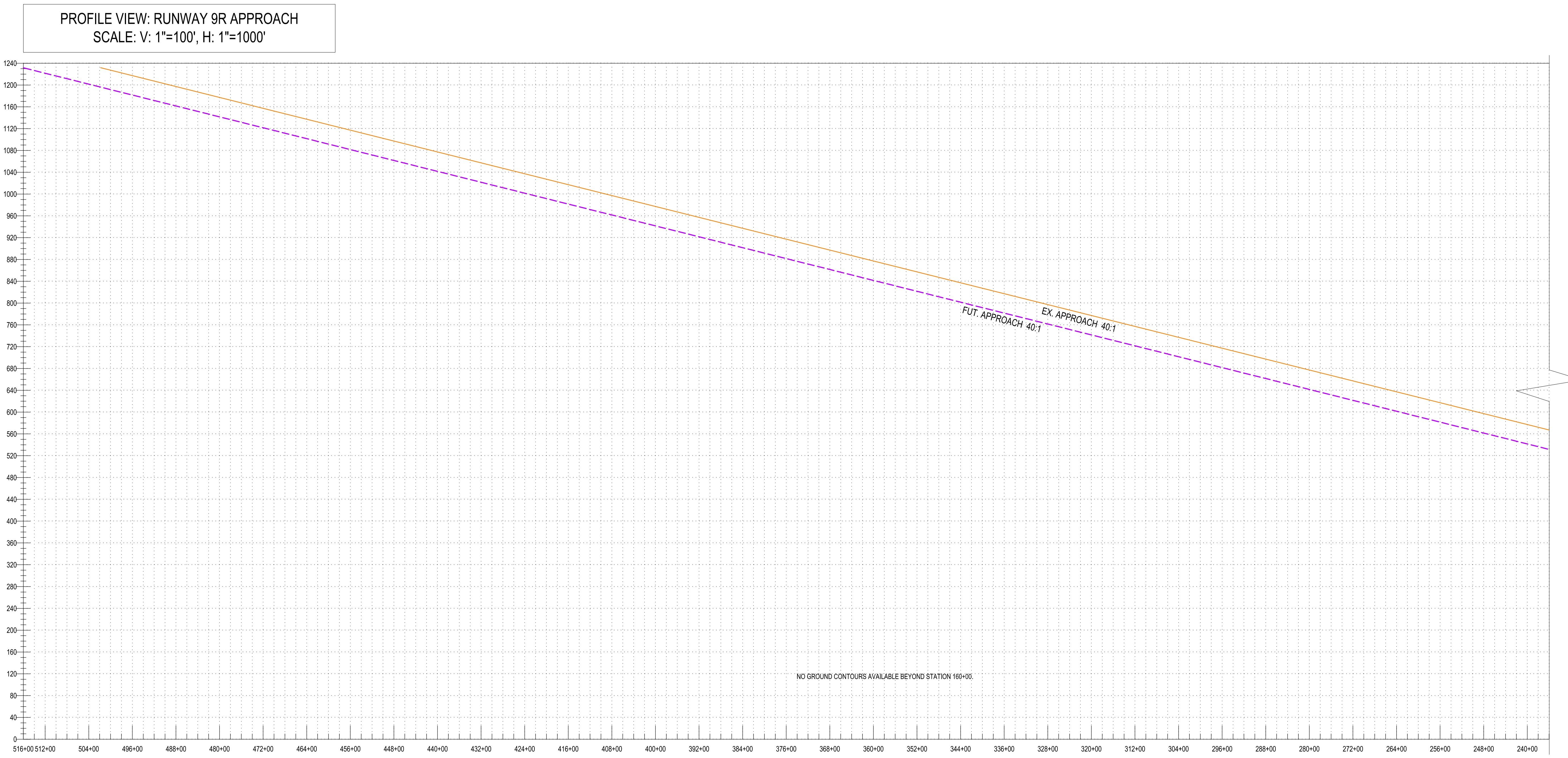
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SCALE: V: 1"= 100', H: 1"=1000'



PROFILE VIEW: RUNWAY 5 APPROACH
SCALE: V: 1"= 100', H: 1"=1000'

PROFILE VIEW: RUNWAY 23 APPROACH
SCALE: V: 1"= 100', H: 1"=1000'

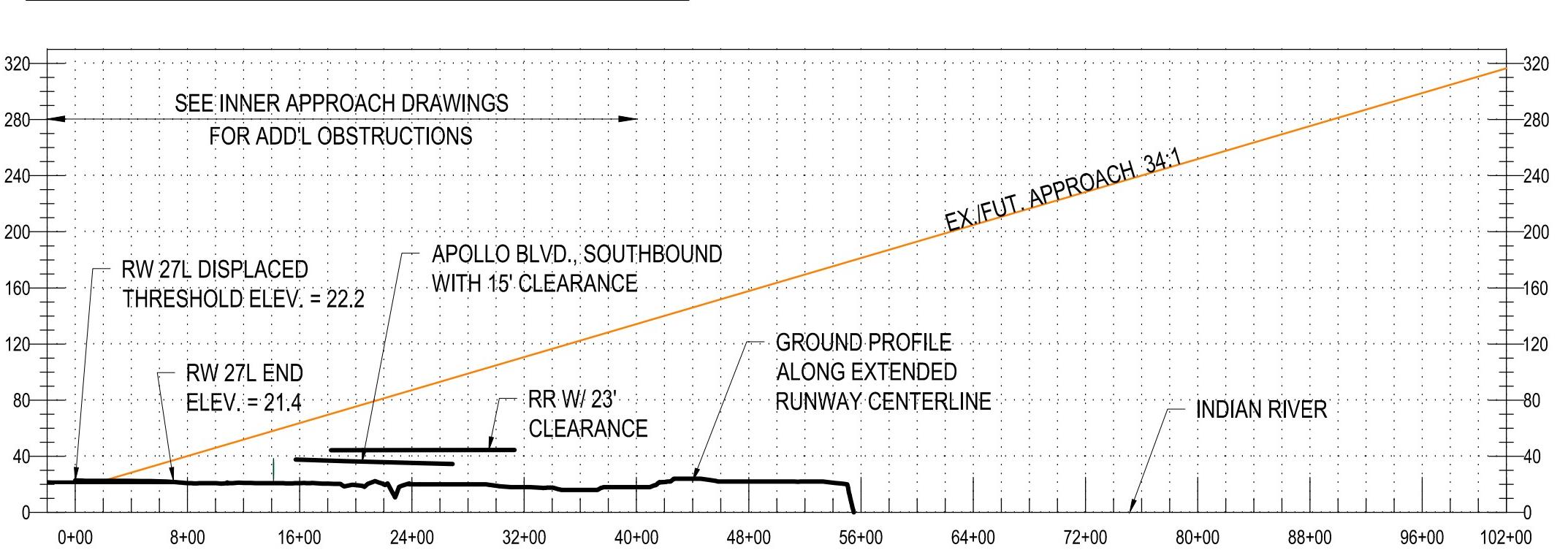
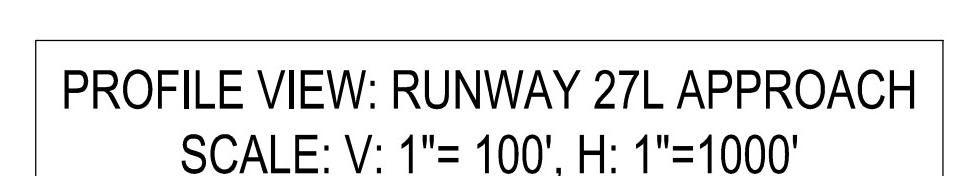
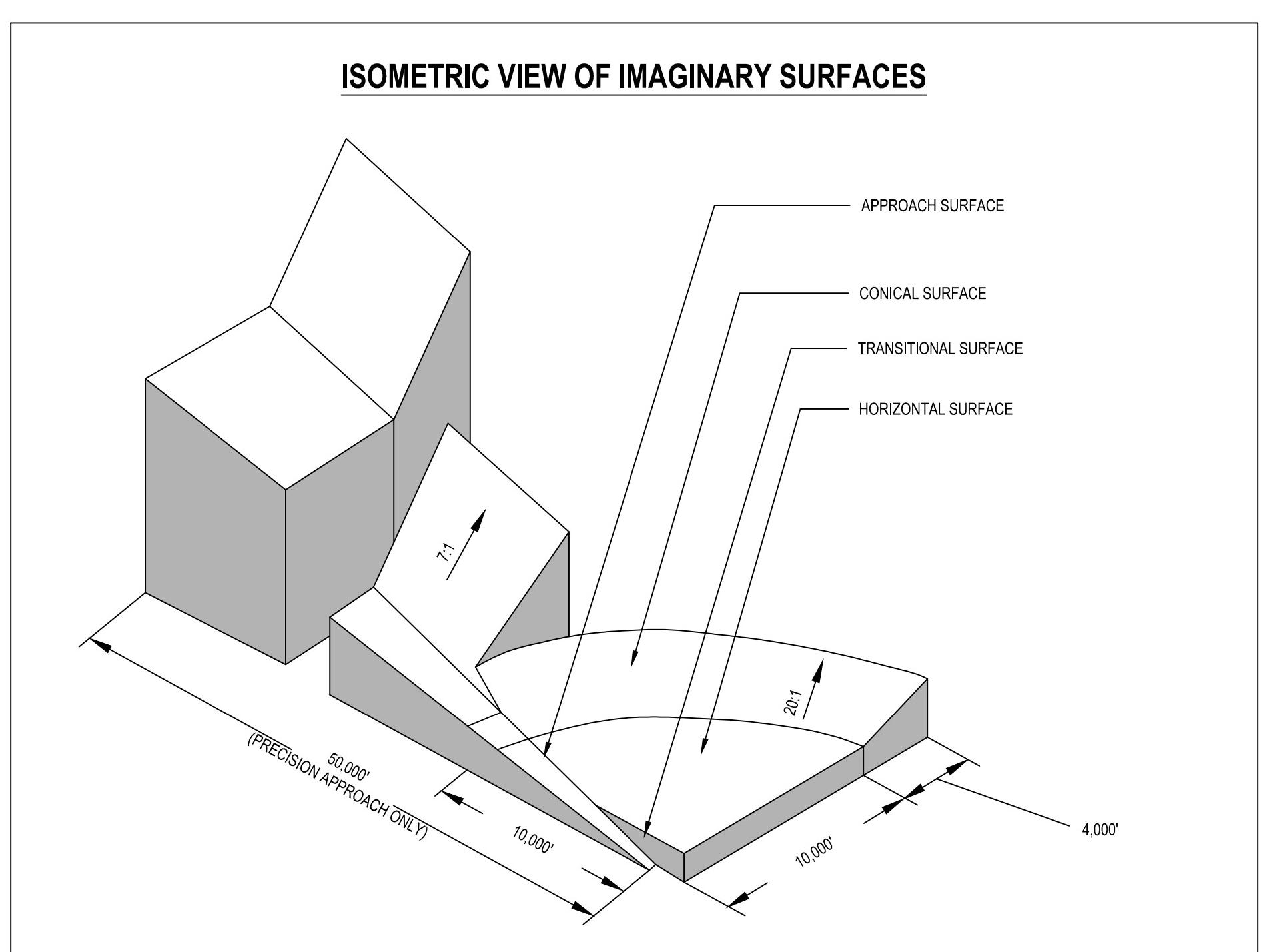
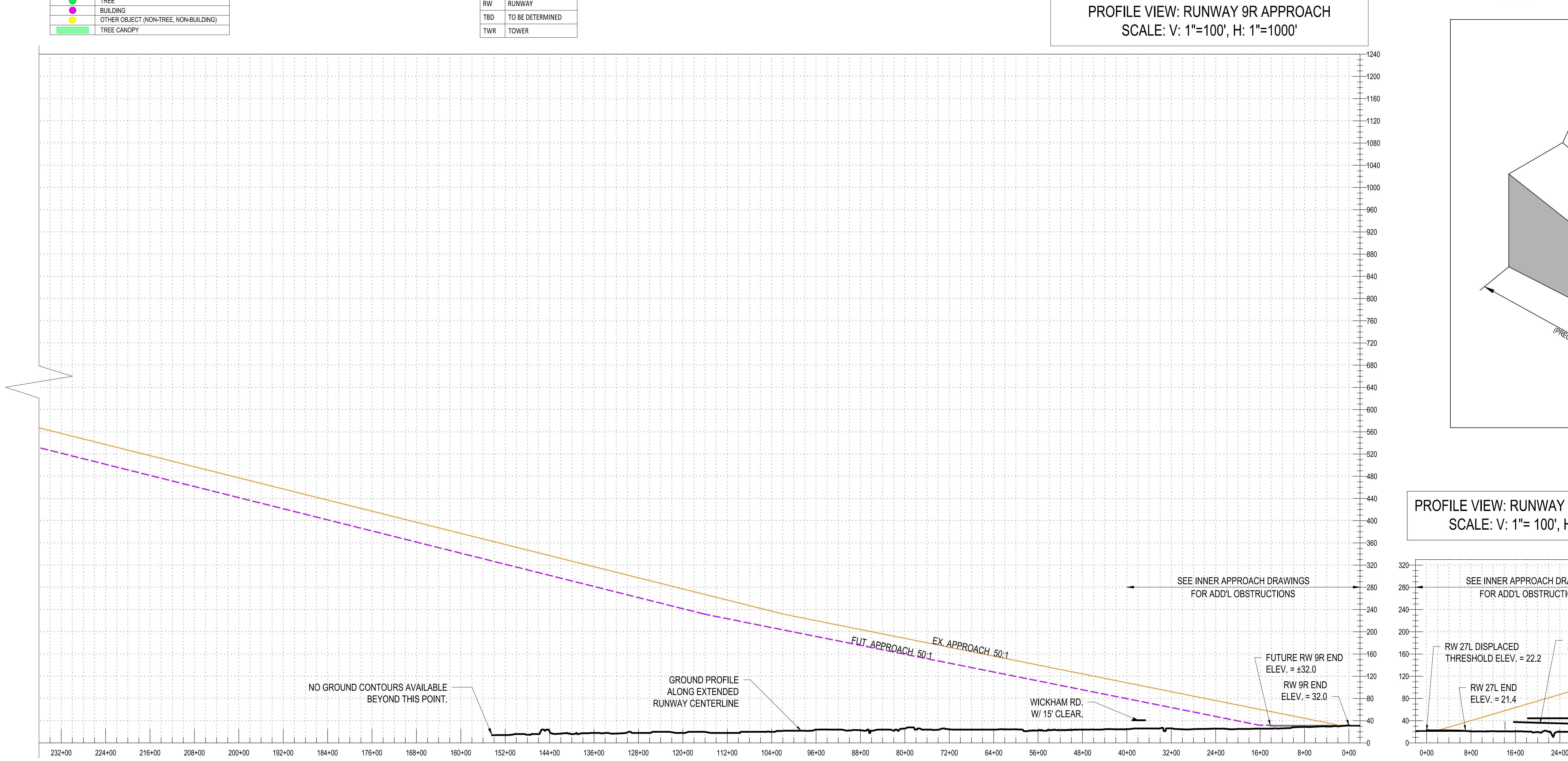




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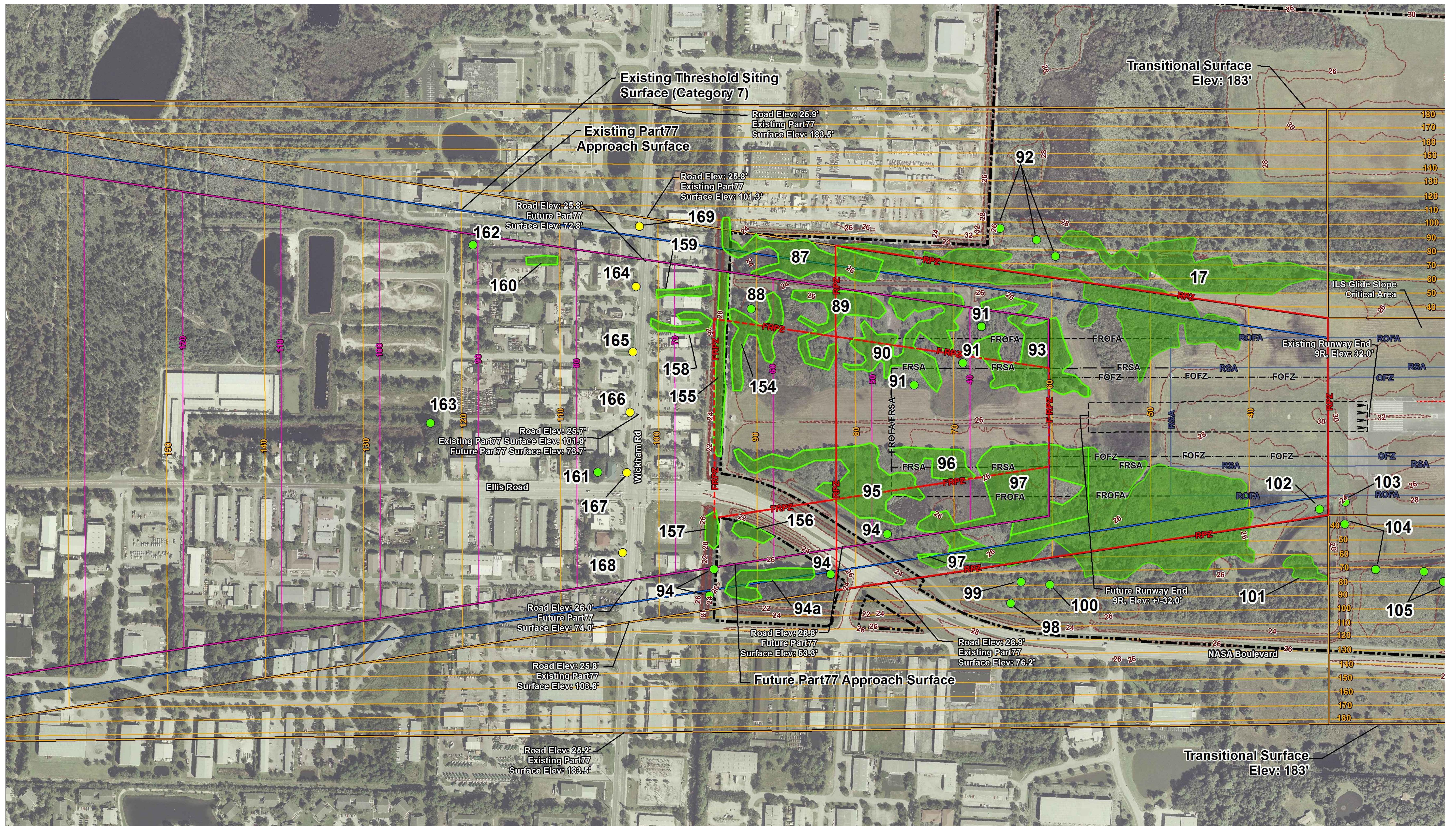
1. ALL ELEVATIONS SHOWN IN HEIGHT ABOVE MEAN SEA LEVEL (NAVD 88). REFER TO THE INNER PORTION OF THE APPROACH SURFACE DRAWINGS FOR CLOSE OBSTRUCTION DETAILS TO EACH EXISTING AND FUTURE RUNWAY END.
2. OBSTRUCTION DATA SHOWN BASED ON AIRPORTS GEOGRAPHIC INFORMATION SYSTEM (AGIS) DATA OBTAINED AND ANALYZED IN 2015.
3. FOR COMPATIBLE LAND USE AND DEVELOPMENT STANDARDS AROUND THE AIRPORT, REFERENCE THE FOLLOWING:
 - CITY OF MELBOURNE, FLORIDA CODE OF ORDINANCES: PART III - LAND DEVELOPMENT REGULATIONS, APPENDIX A - AIRPORT ZONING ORDINANCE (CURRENT VERSION).
 - CODE OF ORDINANCES OF BREVARD COUNTY, FLORIDA VOLUME II - CHAPTER 62 LAND DEVELOPMENT REGULATIONS, ARTICLE VI. - ZONING REGULATIONS, DIVISION 6 - SUPPLEMENTAL REGULATIONS, SUBDIVISION II. - AIRPORT AND AIRSPACE RESTRICTIONS (CURRENT VERSION).

ABBREVIATIONS	
ADD'L	ADDITIONAL
AGL	ABOVE GROUND LEVEL
ANT	ANTENNA
BLDG	BUILDING
ELEV.	ELEVATION
EX	EXISTING
FUT	FUTURE
HT	HEIGHT
MSL	MEAN SEA LEVEL
OL	OBSTRUCTION LIGHTING
RD	ROAD
RR	RAILROAD
RW	RUNWAY
TBD	TO BE DETERMINED
TWR	TOWER



AIRPORT LAYOUT PLAN DRAWING SET

REVISION



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AIRPORT ENGINEERING CO., INC.
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MELBOURNE INTERNATIONAL AIRPORT•MLB

AIRPORT LAYOUT PLAN DRAWING SET

REVISION

No.	Date	Revision

Date	Designed By
APR. 2018	MDE
Drawn By	Checked By
MDE	DJD

Sheet Name

RUNWAY 9R
INNER PORTION
OF THE APPROACH
SURFACE DRAWING

Sheet No.

7

Project No.: D140023

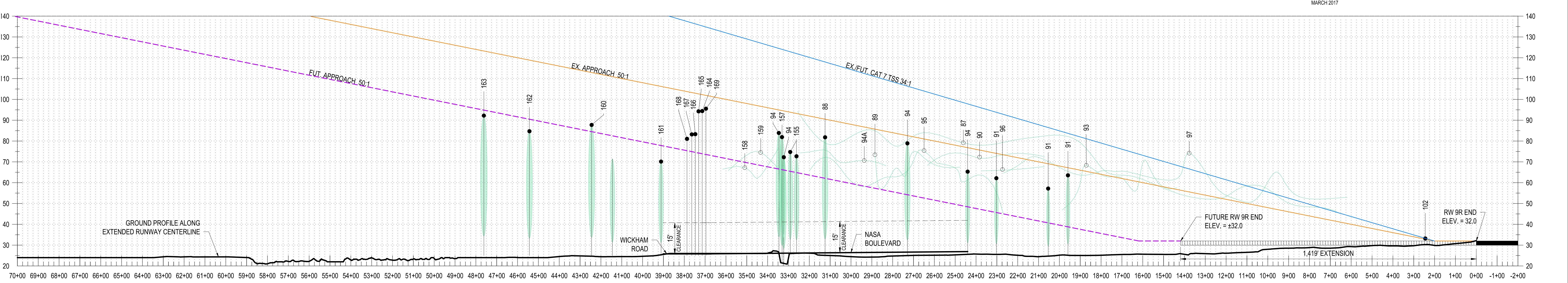
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EXISTING PROPERTY LINE	
FUTURE PROPERTY LINE	
NAVAID CRITICAL AREA	
EXISTING PART 77 APPROACH	
FUTURE PART 77 APPROACH	
EXISTING THRESHOLD SITING SURFACE (TSS)	
FUTURE THRESHOLD SITING SURFACE (TSS)	
TREE	
BUILDING	
OTHER OBJECT (NON-TREE, NON-BUILDING)	
TREE CANOPY	

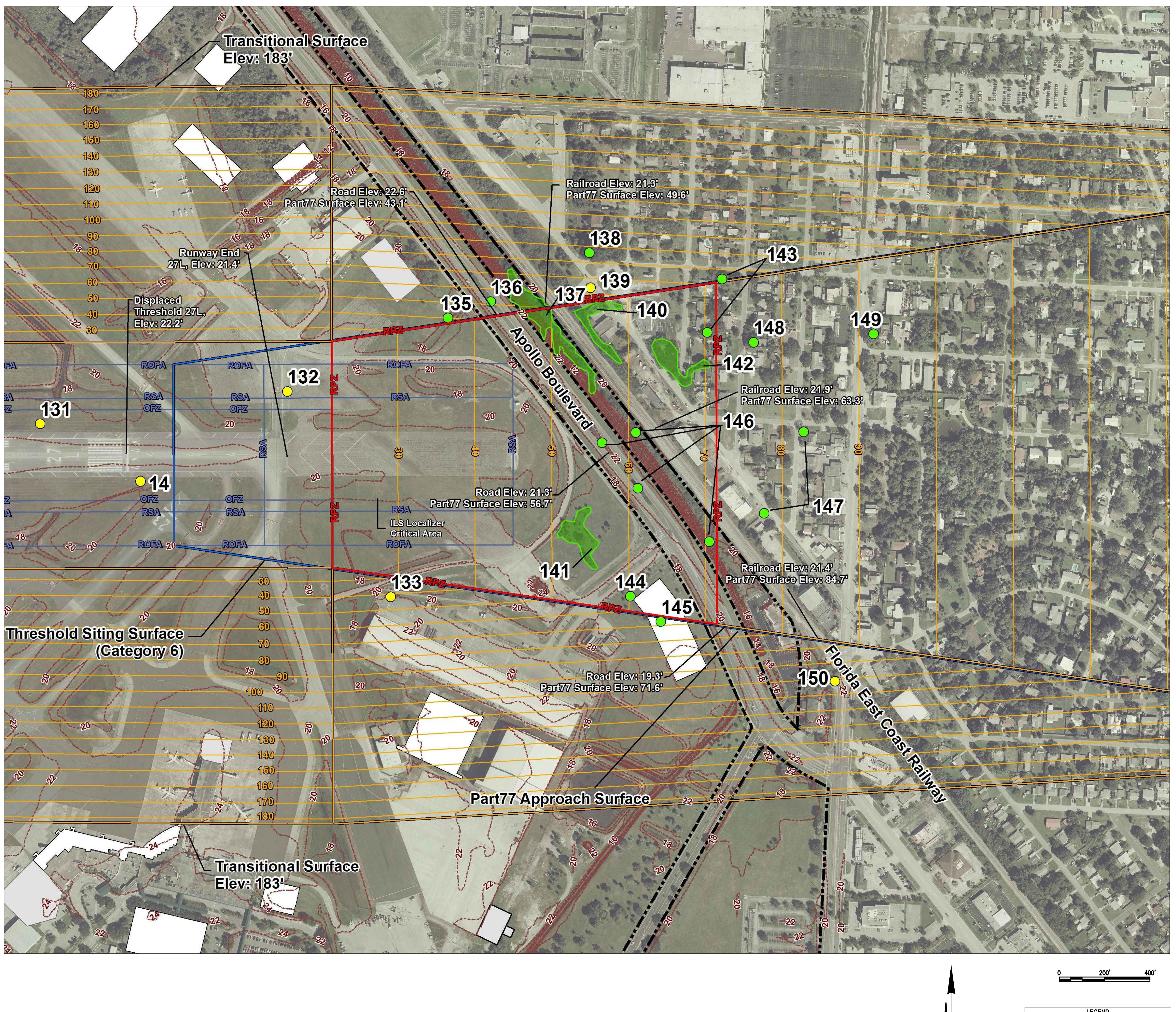
ABBREVIATIONS	
ADL	ADDITIONAL
AGL	ABOVE GROUND LEVEL
ANT	ANTENNA
BLDG	BUILDING
ELEV	ELEVATION
EX	EXISTING
FUT	FUTURE
HT	HEIGHT
MSL	MEAN SEA LEVEL
OL	OBSTRUCTION LIGHTING
RD	ROAD
RR	RAILROAD
RW	RUNWAY
TBD	TO BE DETERMINED
TWR	TOWER

NOTE: SEE OBSTRUCTION DATA TABLE
ON SHEET 8 FOR OBSTRUCTIONS ON
RUNWAY END 9R

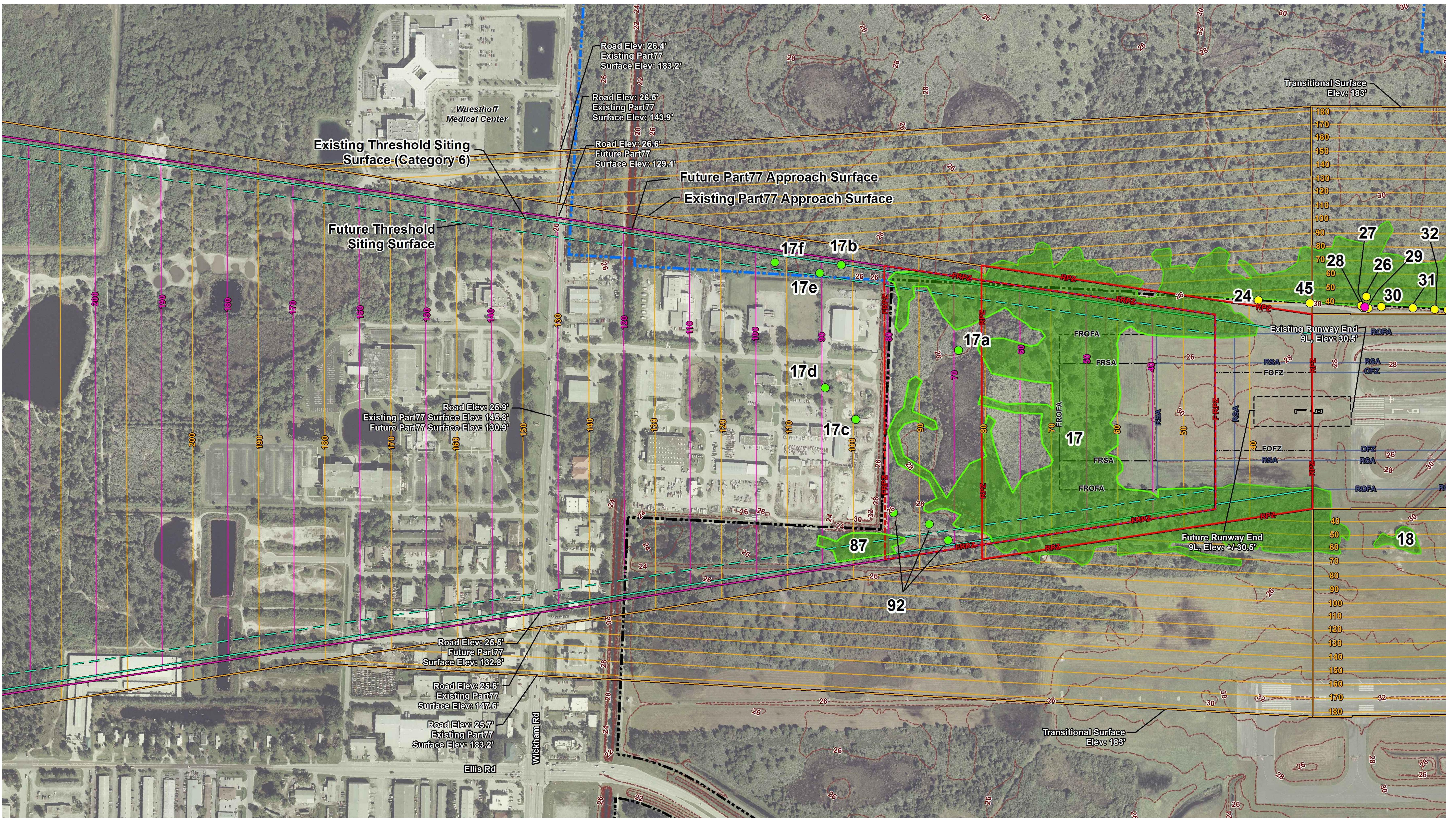
TRUE NORTH
M.L.S. 9.9' W
CHANGES 0.09' WEST PER YEAR
MARCH 2017

PROFILE VIEW: RUNWAY 9R
SCALE: V: 1"= 100', H: 1"=1000'





RUNWAY 9R/27L OBSTRUCTION DATA TABLE											
NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION	OBJECT ELEVATION	RW 9R/27L PART77 PENETRATION	RW 9R TSS (CAT. 7) PENETRATION	RW 27L TSS (CAT. 6) PENETRATION	RW 9R/27L GGS PENETRATION	RW 9R PART77 APPROACH (FUTURE) PENETRATION	PROPOSED DISPOSITION	DISPOSITION DATE	
14	AIRPORT SIGN	19.91	23.47	1.07	-	-	-	-	FIXED BY FUNCTION	NA	
16	BLDG 12/00246	19.86	19.00	10.74	-	-	-	-	INSTALL ON BLDG	2018	
17	TREE CANOPY HIGH POINTS	26.06	79.14	15.58	-	-	-	-	REMOVE	2018	
18	TREE CANOPY HIGH POINTS	29.84	81.29	-7.32	-	-	-	-	REMOVE	2018	
81	TREE CANOPY HIGH POINTS	24.67	92.47	-7.06	-	-	-	-	REMOVE	2018	
86	OLN TOWER 12/03044	16.47	198.87	15.61	-	-	-	-	NO ACTION (OLN TOWER)	NA	
86	ANT ON TWR	16.49	199.34	16.08	-	-	-	-	NO ACTION (OLN TOWER)	NA	
97	TREE CANOPY HIGH POINTS	20.66	94.22	16.43	2.24	-	-	-	REMOVE	2018	
88	TREE	26.80	83.16	-7.39	-	-	-	-	20.95	REMOVE	2018
89	TREE CANOPY HIGH POINTS	25.49	75.57	-4.25	-	-	-	-	REMOVE	2018	
90	TREE CANOPY HIGH POINTS	25.85	74.70	3.37	-	-	-	-	28.42	REMOVE	2018
91	3 INDIVIDUAL TREES	24.45	63.55	-3.58	-	-	-	-	24.75	REMOVE	2018
93	TREE CANOPY HIGH POINTS	25.83	70.87	11.18	-1.88	-	-	-	31.32	REMOVE	2018
94	3 INDIVIDUAL TREES	0.00	83.91	-3.65	-	-	-	-	16.88	REMOVE	2018
95	TREE CANOPY HIGH POINTS	25.21	75.68	-5.70	-	-	-	-	22.64	REMOVE	2018
96	TREE CANOPY HIGH POINTS	24.46	67.95	-1.64	-	-	-	-	26.69	REMOVE	2018
97	TREE CANOPY HIGH POINTS	25.94	74.37	16.75	11.55	-	-	-	32.69	REMOVE	2018
99	TREE	25.03	68.52	-11.04	-	-	-	-	REMOVE	2018	
100	TREE	24.73	67.69	-12.27	-	-	-	-	REMOVE	2018	
101	TREE CANOPY HIGH POINTS	25.35	72.69	6.85	-	-	-	-	REMOVE	2018	
102	TREE	25.28	33.22	0.38	-	-	-	-	REMOVE	2018	
103	TREE	23.65	34.31	2.36	-	-	-	-	REMOVE	2018	
104	2 INDIVIDUAL TREES	0.00	59.77	-8.15	-	-	-	-	REMOVE	2018	
105	2 INDIVIDUAL TREES	27.23	74.68	-5.93	-	-	-	-	REMOVE	2018	
106	OLN WSL RWY 9R	27.79	38.03	6.01	-	-	-	-	NO ACTION (OL)	NA	
107	4 INDIVIDUAL TREES	28.44	68.65	-3.42	-	-	-	-	REMOVE	2018	
108	SIGN	28.14	35.48	3.44	-	-	-	-	NO ACTION (OLN ROD)	NA	
109	LIGHTNING ROD ON GS	27.88	61.48	29.44	-	-	-	-	NO ACTION (OLN ROD)	NA	
110	LIGHTNING ROD ON GS	28.54	49.95	16.91	-	-	-	-	NO ACTION (OLN ROD)	NA	
111	LIGHTNING ROD ON SAWIS	29.42	63.93	23.64	-	-	-	-	NO ACTION (OLN ROD)	NA	
112	LIGHTNING ROD ON RVR	28.37	48.87	16.81	-	-	-	-	NO ACTION (OLN ROD)	NA	
113	SIGN	29.65	39.35	7.30	-	-	-	-	NO ACTION (OLN ROD)	NA	
114	TREE CANOPY HIGH POINTS	31.86	52.63	21.17	-	-	-	-	REMOVE	2018	
115	TREE CANOPY HIGH POINTS	31.01	45.67	1.64	-	-	-	-	REMOVE	2018	
116	AIRPORT SIGN	26.08	31.00	1.64	-	-	-	-	FIXED BY FUNCTION	NA	
117	AIRPORT SIGN	25.79	30.01	1.58	-	-	-	-	FIXED BY FUNCTION	NA	
119	TREE CANOPY HIGH POINTS	25.50	46.06	12.48	-	-	-	-	REMOVE	2018	
118	TREE	0.00	62.83	-10.67	-	-	-	-	REMOVE	2018	
119	TREE	0.00	43.78	-11.93	-	-	-	-	REMOVE	2018	
120	TREE CANOPY HIGH POINTS	25.84	47.26	18.02	-	-	-	-	REMOVE	2018	
121	TREE	25.28	40.37	-9.81	-	-	-	-	REMOVE	2018	
122	TREE	18.47	28.89	2.50	-	-	-	-	REMOVE	2018	
123	LIGHTNING ROD ON ATCT	25.73	120.15	3.09	-	-	-	-	INSTALL OLN POLE	2018	
124	TREE	16.81	24.50	-7.56	-	-	-	-	INSTALL OLN ROD	2018	
125	TREE	17.06	27.09	1.48	-	-	-	-	REMOVE	2018	
126	TREE CANOPY HIGH POINTS	23.62	49.67	19.22	-	-	-	-	REMOVE	2018	
127	TREE	23.80	49.35	23.67	-	-	-	-	REMOVE	2018	
128	TREE	17.35	33.97	8.30	-	-	-	-	REMOVE	2018	
129	AIRPORT SIGN	23.84	28.59	2.84	-	-	-	-	FIXED BY FUNCTION	NA	
130	AIRPORT SIGN	23.57	27.83	2.10	-	-	-	-	FIXED BY FUNCTION	NA	
131	AIRPORT SIGN	20.12	25.54	1.98	-	-	-	-	FIXED BY FUNCTION	NA	
132	AIRPORT SIGN	20.37	23.69	2.25	-	-	-	-	FIXED BY FUNCTION	NA	
133	LIGHT POLE	19.57	46.16	4.18	-	-	-	-	NO ACTION	NA	
135	TREE	17.31	38.41	-1.61	-	-	-	-	REMOVE	2018	
136	TREE	22.21	48.81	-2.90	-	-	-	-	REMOVE	2018	
137	TREE CANOPY HIGH POINTS	17.52	74.46	14.73	-	-	-	-	REMOVE	2018	
138	TREE	17.89	91.12	5.17	-	-	-	-	REMOVE	2018	
139	POLE	17.94	56.82	-7.03	-	-	-	-	INSTALL OLN POLE	2018	
140	TREE CANOPY HIGH POINTS	18.70	55.08	1.24	-	-	-	-	REMOVE	2018	
141	TREE CANOPY HIGH POINTS	18.44	53.86	-0.44	-	-	-	-	REMOVE	2018	
142	TREE CANOPY HIGH POINTS	18.58	63.66	-1.89	-	-	-	-	REMOVE	2018	
143	TREE	19.26	61.00	-9.31	-	-	-	-	REMOVE	2018	
144	TREE	18.17	49.61	-10.57	-	-	-	-	REMOVE	2018	
145	TREE	18.93	58.18	-9.58	-	-	-	-	REMOVE	2018	
146	4 INDIVIDUAL TREES	16.07	60.59	-9.99	-	-	-	-	REMOVE	2018	
147	TREE	19.93	63.94	-3.29	-	-	-	-	REMOVE	2018	
148	TREE	19.11	66.16	-10.19	-	-	-	-	REMOVE	2018	
149	TREE	16.01	80.77	-11.18	-	-	-	-	REMOVE	2018	
151	TOWER 12/0338 AGL+58.635	21.21	210.28	27.02	-	-	-	-	INSTALL ON TOWER	2018	
152	BLDG 12/880 AGL+20.422	18.60	241.82	30.60	-	-	-	-	INSTALL OLN BLDG	2018	
153	TOWER 12/0005 AGL+19.28	25.16	219.99	10.46	-	-	-	-	INSTALL ON TOWER	2018	
154	TREE CANOPY HIGH POINTS	27.51	75.31	-	-	-	-	-	11.65	REMOVE	2018
155	TREE CANOPY HIGH POINTS	27.32	81.23	-	-	-	-	-	16.26	REMOVE	2018
156	TREE CANOPY HIGH POINTS	27.22	68.06	-	-	-	-	-	4.78	REMOVE	2018
157	TREE CANOPY HIGH POINTS	22.57	81.91	-	-	-	-	-	15.67	REMOVE	2018
158	TREE CANOPY HIGH POINTS	25.94	76.53	-	-	-	-	-	9.95	REMOVE	2018
159	TREE CANOPY HIGH POINTS	25.82	74.96	-	-	-	-	-	6.28		



Apr 07, 2018 - 8:40am [2018\Mar\Domestic\Flight\Air Domestics\Aeroflot](#)

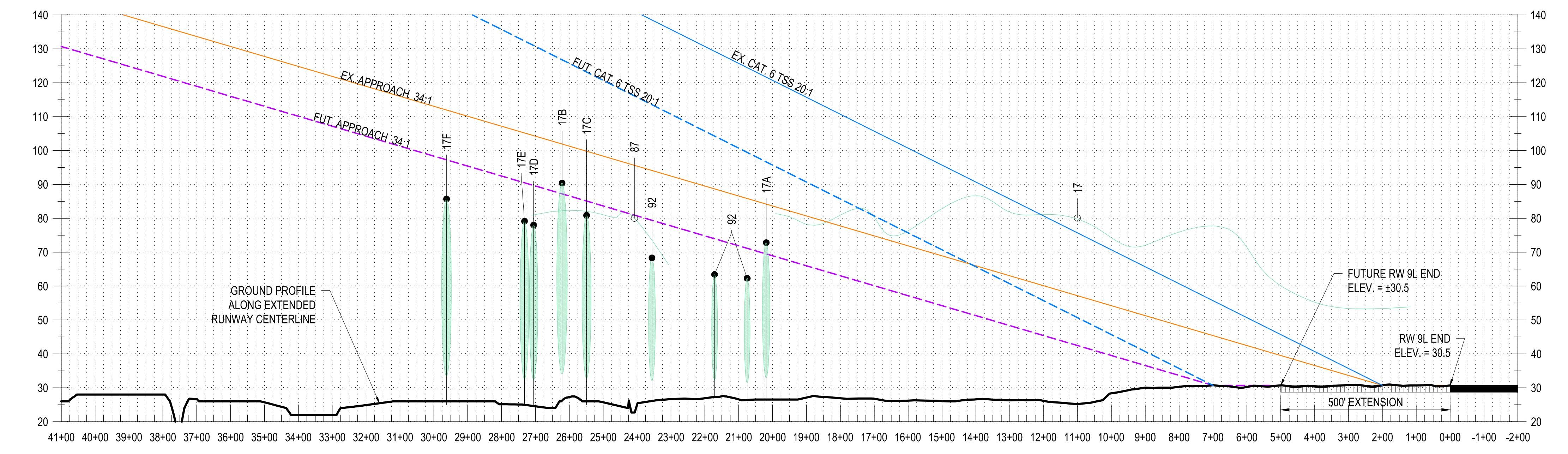
MAGNETIC DECLINATION 6.7° W
CHANGES 0.09° WEST PER YEAR
MARCH 2017

SEE OBSTRUCTION DATA TABLE ON SHEET 10.

LEGEND	
	EXISTING PROPERTY LINE
	FUTURE PROPERTY LINE
	NAVAID CRITICAL AREA
	EXISTING PART 77 APPROACH
	FUTURE PART 77 APPROACH
	EXISTING THRESHOLD SITING SURFACE (TSS)
	FUTURE THRESHOLD SITING SURFACE (TSS)
	TREE
	BUILDING
	OTHER OBJECT (NON-TREE, NON-BUILDING)
	TREE CANOPY

PROFILE VIEW: RUNWAY 9L

SCALE: V: 1"= 100', H: 1"=1000'

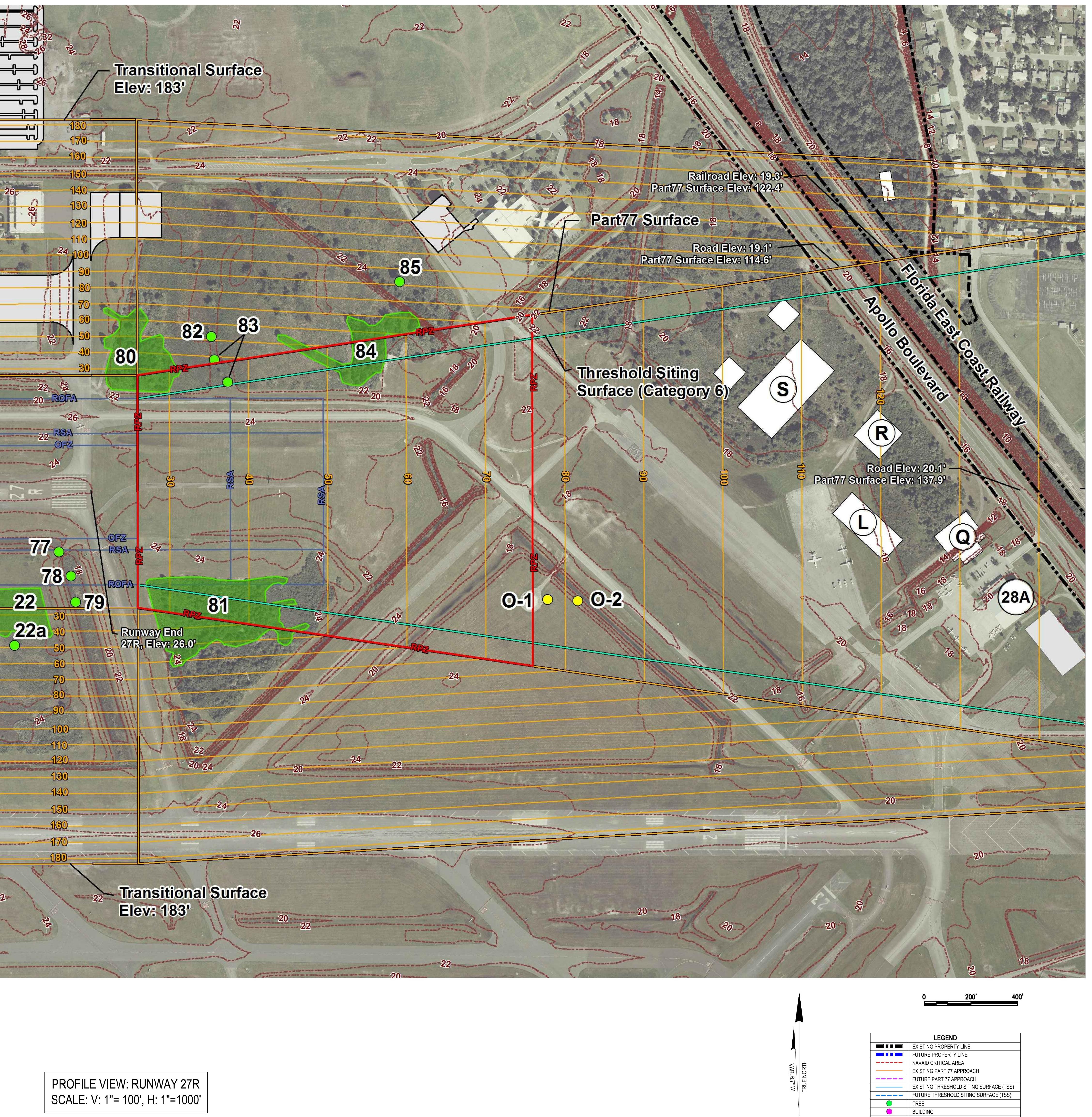


ABBREVIATIONS	
ADD'L	ADDITIONAL
AGL	ABOVE GROUND LEVEL
ANT	ANTENNA
BLDG	BUILDING
ELEV.	ELEVATION
EX	EXISTING
FUT	FUTURE
HT	HEIGHT
MSL	MEAN SEA LEVEL
OL	OBSTRUCTION LIGHTING
RD	ROAD
RR	RAILROAD
RW	RUNWAY
TBD	TO BE DETERMINED
TWR	TOWER

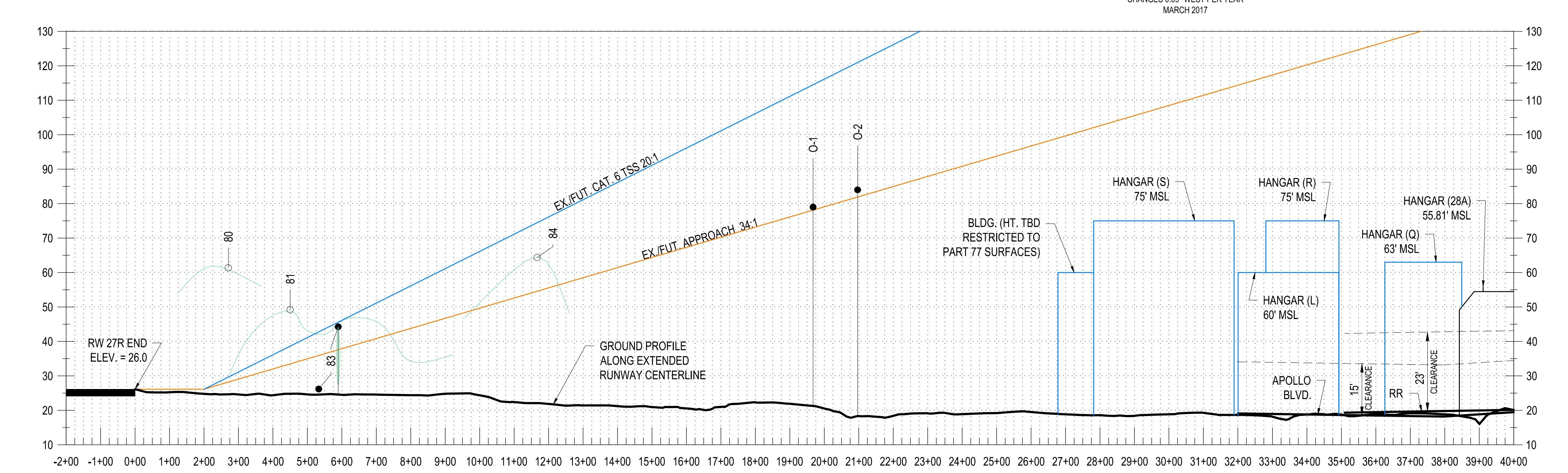
AIRPORT LAYOUT PLAN DRAWING SET

REVISION

Date	Revision
Drawn By MDE	Designed By MDE
Checked By DJD	
Sheet Name	
RUNWAY 9L INNER PORTION OF THE APPROACH SURFACE DRAWING	
Sheet No.	
9	
Project No.:	
D140023	



PROFILE VIEW: RUNWAY 27R
SCALE: V: 1"= 100', H: 1"=1000'



RUNWAY 9L/27R OBSTRUCTION DATA TABLE											
NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION	OBJECT ELEVATION	RW 9L/27R PART77 PENETRATION	RW 9L/27R TSS (CAT. 6) PENETRATION	RW 9L/27R GQS PENETRATION	RW 9L PART77 APPROACH (FUTURE) PENETRATION	RW 9L TSS (FUTURE) PENETRATION	RW 9L GQS (FUTURE) PENETRATION	PROPOSED DISPOSITION	DISPOSITION DATE
1	TREE	0.00	70.13	-	-	-	-	-7.55	-	REMOVE	2018
5	TREE	25.21	63.20	-	-	-	-	4.05	-	REMOVE	2018
8	TREE	22.36	75.56	-	-	-	-	-0.80	-	REMOVE	2018
9	LIGHTNING ROD ON LIGHT POLE	22.80	79.04	-	-	-	-	3.34	-	NO ACTION (OL ON POLE)	N/A
16	BLDG 12-002246	19.86	194.00	10.74	-	-	-	-	-	INSTALL OL ON BLDG	2018
17	TREE CANOPY HIGH POINTS	26.06	79.14	38.87	18.50	2.33	44.17	37.98	19.00	REMOVE	2018
18	TREE CANOPY HIGH POINTS	29.84	61.29	12.38	-	-	-	30.76	-	REMOVE	2018
19	TREE CANOPY HIGH POINTS	31.85	45.76	10.50	-	-	-	-	-	REMOVE	2018
20	TREE CANOPY HIGH POINTS	0.00	46.16	13.82	-	-	-	-	-	REMOVE	2018
21	TREE CANOPY HIGH POINTS	27.00	41.45	10.92	-	-	-	-	-	REMOVE	2018
22	TREE CANOPY HIGH POINTS	24.66	35.62	7.55	-	-	-	-	-	REMOVE	2018
23	TREE CANOPY HIGH POINTS	23.11	52.15	16.25	-	-	-	-	-	REMOVE	2018
24	POLE	27.84	62.49	19.44	-	-	-	-	-	INSTALL OL ON POLE	2018
26	POLE	28.25	47.10	3.79	-	-	-	-	-	INSTALL OL ON POLE	2018
27	BLDG	30.85	40.31	4.60	-	-	-	19.87	-	NO ACTION	N/A
28	POLE	29.82	64.71	28.02	-	-	-	27.99	-	INSTALL OL ON POLE	2018
29	SATELLITE DISH	30.91	45.55	10.70	-	-	-	-	-	NO ACTION	N/A
30	FENCE	29.55	37.93	1.81	-	-	-	-	-	INSTALL OL EVERY 150'	2018
31	POLE	30.10	66.39	31.18	-	-	-	-	-	INSTALL OL EVERY 150'	2018
32	FENCE	29.65	38.11	3.62	-	-	-	-	-	INSTALL OL EVERY 150'	2018
33	FENCE	29.44	34.60	0.46	-	-	-	-	-	INSTALL OL EVERY 150'	2018
34	POLE	29.55	65.18	31.73	-	-	-	-	-	INSTALL OL EVERY 150'	2018
35	FENCE	29.27	34.67	1.78	-	-	-	-	-	INSTALL OL EVERY 150'	2018
36	POLE	28.21	62.92	31.11	-	-	-	-	-	INSTALL OL EVERY 150'	2018
37	FENCE	27.12	34.60	2.58	-	-	-	-	-	INSTALL OL EVERY 150'	2018
38	POLE	26.57	60.90	28.69	-	-	-	-	-	INSTALL OL EVERY 150'	2018
39	FENCE	31.46	34.86	0.36	-	-	-	-	-	INSTALL OL EVERY 150'	2018
40	FENCE	28.42	34.86	2.46	-	-	-	-	-	INSTALL OL EVERY 150'	2018
41	POLE	29.20	64.17	31.55	-	-	-	-	-	INSTALL OL EVERY 150'	2018
42	FENCE	29.94	37.20	4.17	-	-	-	-	-	INSTALL OL EVERY 150'	2018
43	POLE	30.03	63.22	30.19	-	-	-	-	-	INSTALL OL EVERY 150'	2018
44	POLE	30.22	54.13	21.01	-	-	-	-	-	INSTALL OL EVERY 150'	2018
45	POLE	29.77	64.74	26.02	-	-	-	-	-	INSTALL OL EVERY 150'	2018
46	BUSH	27.84	33.27	1.93	-	-	-	-	-	REMOVE	2018
47	OL ON WSK RWY 9L	29.46	39.54	7.81	-	-	-	-	-	NO ACTION (OL)	N/A
48	POLE	30.21	63.03	7.60	-	-	-	-	-	NO ACTION	N/A
49	BUILDING HIGHEST POINTS	33.50	73.46	14.99	-	-	-	-	-	NO ACTION	N/A
50	LIGHT POLE	33.40	86.74	7.12	-	-	-	-	-	NO ACTION (OL)	N/A
55	BUSH	28.92	35.45	0.02	-	-	-	-	-	REMOVE	2018
56	SATELLITE DISH	29.86	46.69	14.22	-	-	-	-	-	LOWER DISH	2018
57	BUSH	27.54	31.98	0.06	-	-	-	-	-	REMOVE	2018
58	BUILDING HIGH POINTS	30.93	49.38	14.48	-	-	-	-	-	INSTALL OL ON BLDG	2018
59	BUILDING HIGH POINTS	30.42	47.62	11.69	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
60	BUILDING HIGH POINTS	30.01	46.96	11.15	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
61	BUILDING HIGH POINTS	29.86	50.20	10.17	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
62	BUILDING HIGH POINTS	29.18	49.74	9.96	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
63	BUILDING HIGH POINTS	28.72	53.14	5.63	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
64	BUILDING HIGH POINTS	27.36	52.35	5.62	-	-	-	-	-	INSTALL OL ON BLDG	2018
65	AIRPORT SIGN	27.56	32.15	1.97	-	-	-	-	-	FIXED BY FUNCTION	N/A
66	TREE	21.47	28.47	0.01	-	-	-	-	-	REMOVE	2018
67	TREE	25.99	67.23	-3.91	-	-	-	-	-	REMOVE	2018
68	BUILDING HIGH POINTS	24.55	52.07	12.79	-	-	-	-	-	INSTALL OL ON BLDG	2018
69	FENCE	24.57	32.75	1.38	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
70	FENCE	23.79	31.81	0.70	-	-	-	-	-	NO ACTION (OL IN VICINITY)	N/A
71	OL ON WSK	22.49	33.06	6.76	-	-	-	-	-	NO ACTION (OL)	N/A
72	BUILDING HIGH POINTS	24.19	59.25	28.00	-	-	-	-	-	INSTALL OL ON BLDG	2018
73	BUILDING HIGH POINTS	25.53	68.47	6.12	-	-	-	-	-	INSTALL OL ON BLDG	2018
74	ANT ON BLDG	24.82	74.96	16.49	-	-	-	-	-	INSTALL OL ON BLDG	2018
77	TREE	20.97	26.78	0.83	-	-	-	-	-	REMOVE	2018
78	TREE	18.39	24.92	-1.03	-	-	-	-	-	REMOVE	2018
79	TREE	17.50	26.78	0.83	-	-	-	-	-	REMOVE	2018
80	TREE CANOPY HIGH POINTS	24.77	67.14	35.95	-	-	-	-	-	REMOVE	2018
81	TREE CANOPY HIGH POINTS	24.67	52.47	16.26	11.08	-	-	-	-	REMOVE	2018
82	TREE	21.86	49.27	-2.89	-	-	-	-	-	REMOVE	2018
83	TREE	20.73	44.26	6.85	-	-	-	-	-	REMOVE	2018
84	TREE CANOPY HIGH POINTS	22.79	69.63	11.57	-9.33	-	-	-	-	REMOVE	2018
85	TREE	23.13	82.78	-9.15	-	-	-	-12.37	-	REMOVE	2018
86	OL ON TOWER 12-003404	16.47	198.87	15.61	-	-	-	-	-	NO ACTION (OL ON TOWER)	N/A
86	ANT ON TWR	16.49	199.34	16.08	-	-	-	-	-	NO ACTION (OL ON TOWER)	N/A
87	TREE CANOPY HIGH POINTS	20.66	94.22	-	-	-	0.94	-	-	REMOVE	2018
92	3 INDIVIDUAL TREES	26.31	68.62	-	-	-	-8.61	-	-	REMOVE	2018
17a	TREE	26.73	72.82	-11.18	-	-	3.53	-	-	REMOVE	2018
17b	TREE	25.42	90.40	-11.32	-	-	3.39	-	-	REMOVE	2018
17c	TREE	25.55	80.90	-	-	-	-3.98	-	-	REMOVE	2018
17d	TREE	26.04	78.02	-	-	-	-11.46	-	-	REMOVE	2018
17e	TREE	23.87	79.18	-	-	-	-11.09	-	-	REMOVE	2018
17f	TREE	25.35	85.72	-	-	-	-11.33	-	-	REMOVE	2018
19a	BUSH	0.00	33.80	-10.76	-	-	-	-	-	REMOVE	

A large, stylized, grey 'M' logo, which is the symbol for Melbourne, Australia. The 'M' is composed of two thick, curved lines that meet at the top and bottom, creating a sense of motion and depth.

AIRPORT LAYOUT PLAN DRAWING SET

Date	Revision
ate APR. 2018	Designed By MDE
rawn By MDE	Checked By DJD

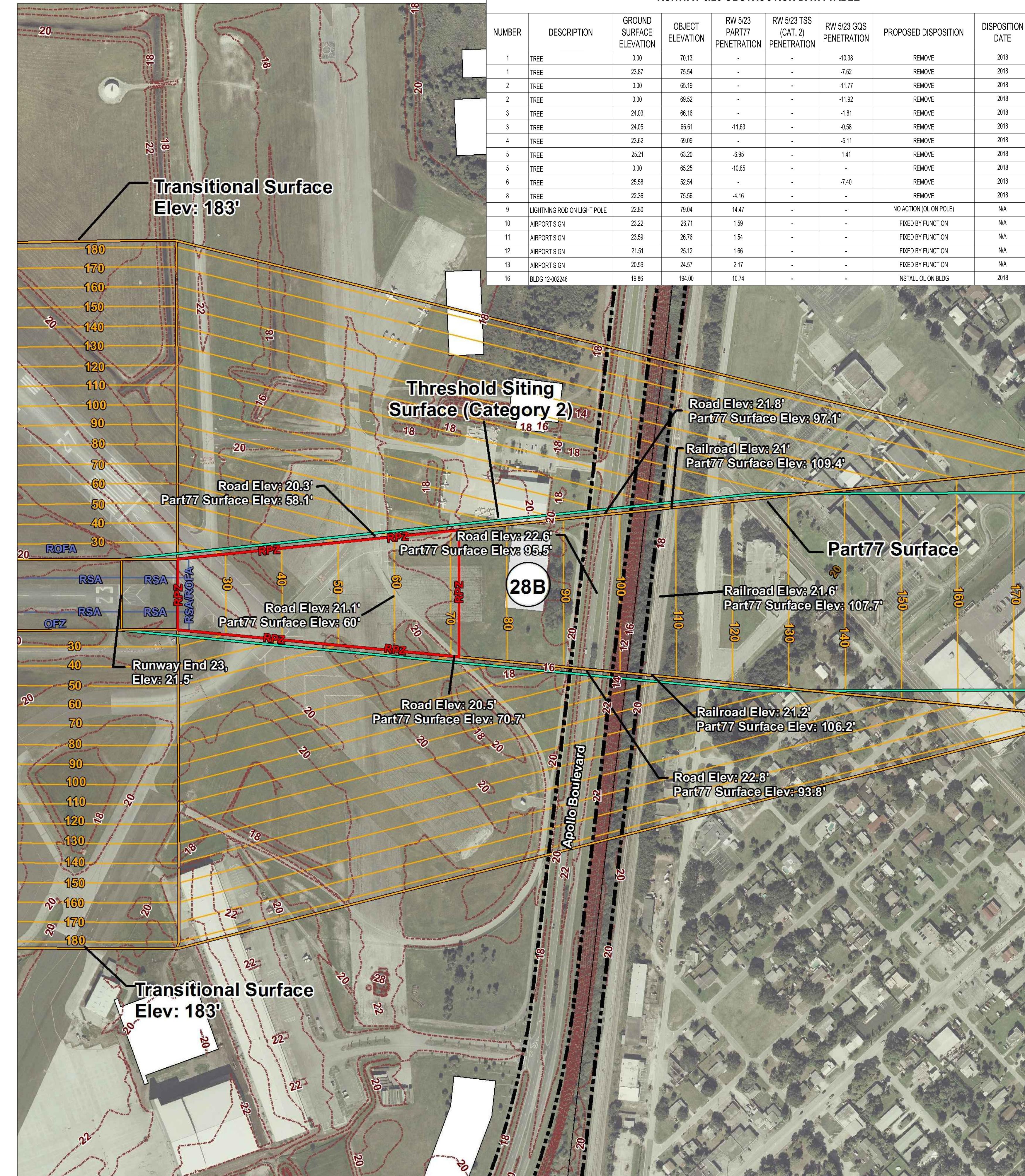
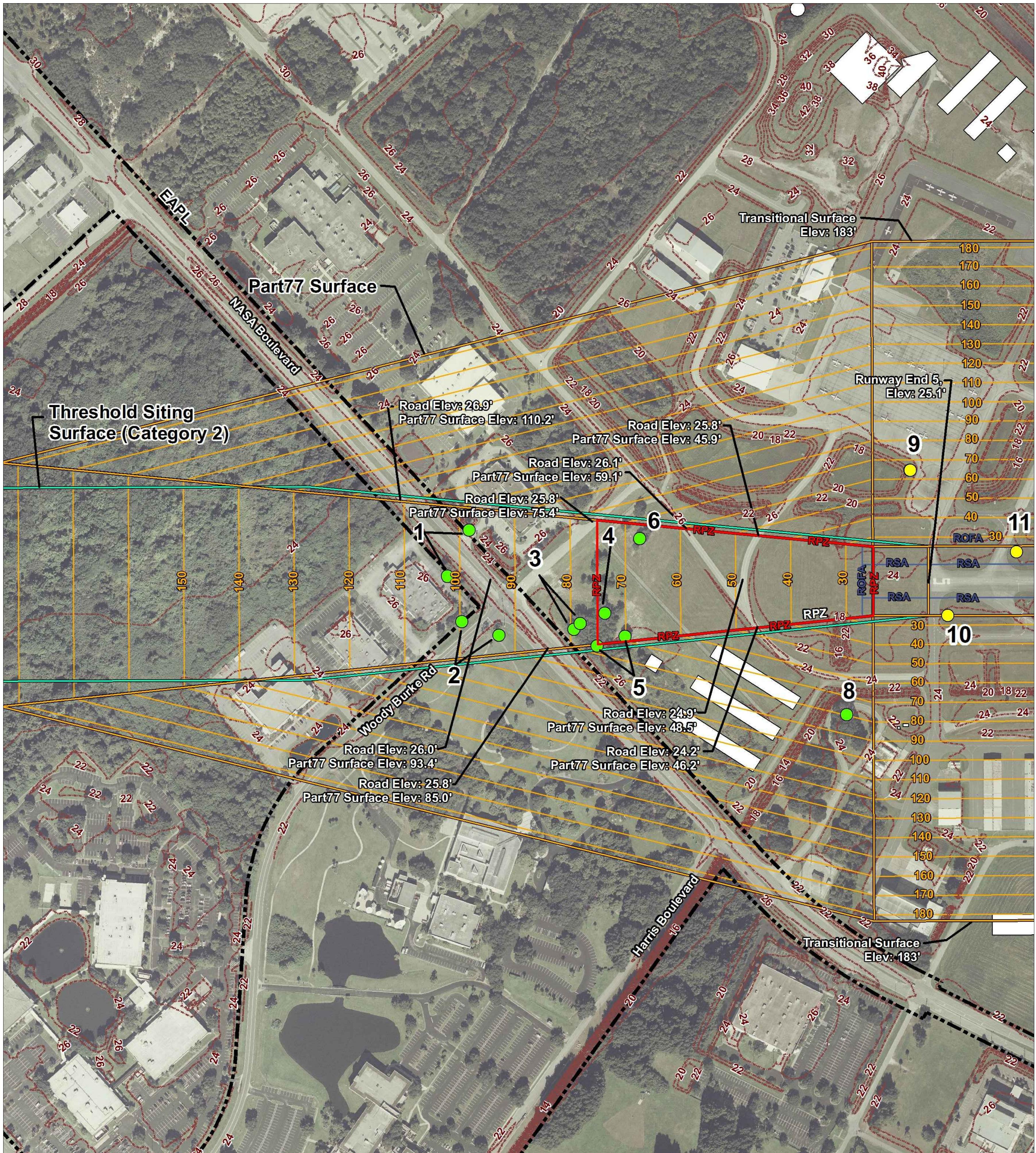
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**RUNWAY 27R
INNER PORTION
OF THE APPROACH
SURFACE DRAWING**

Sheet No.

10

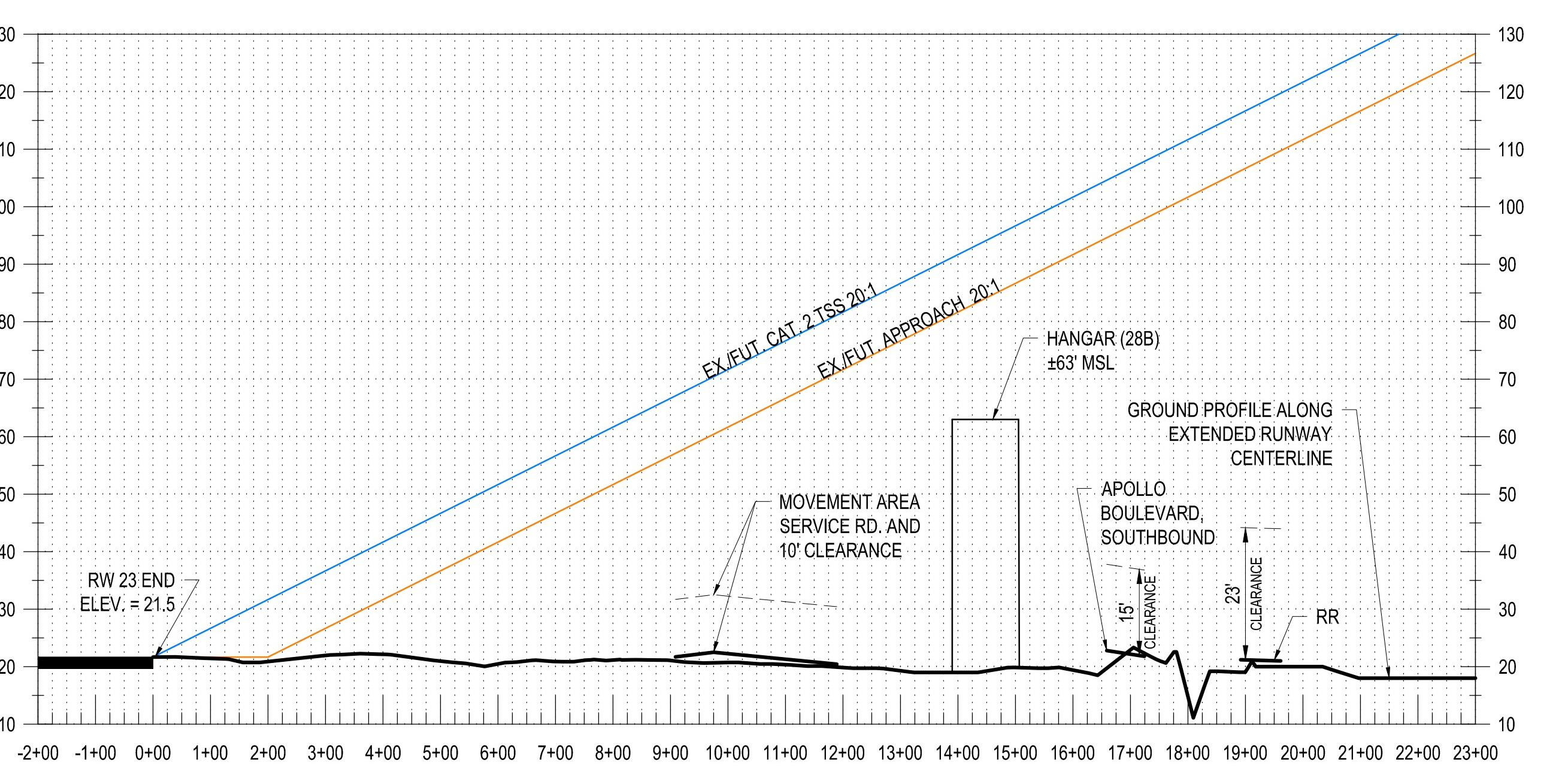
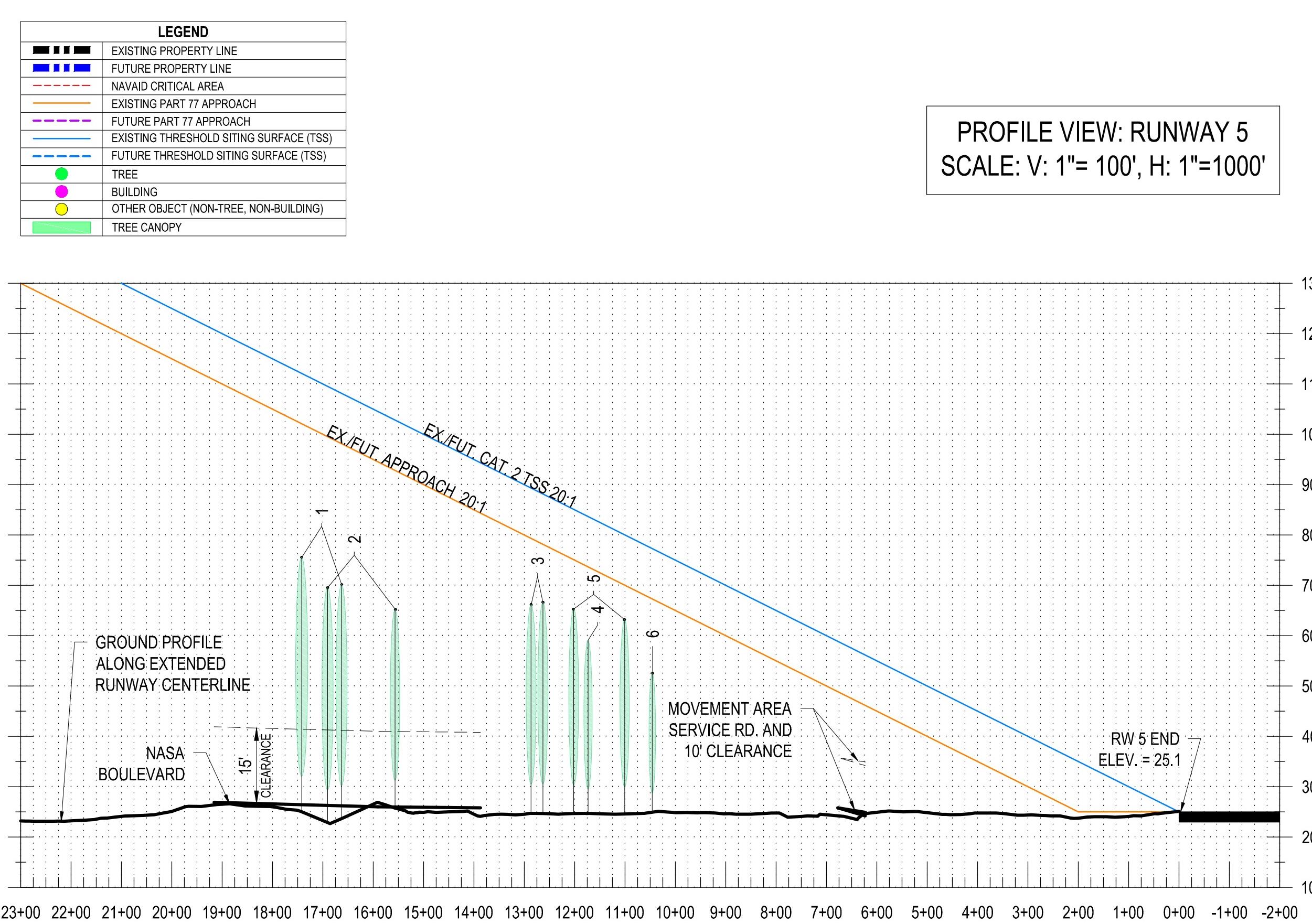
Project No.:
D140023



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REVISION

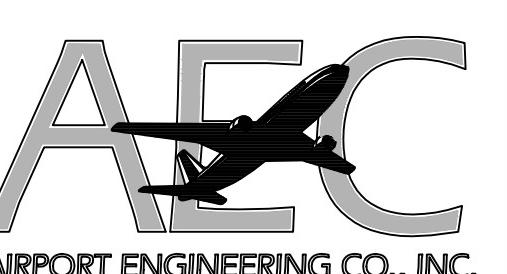
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ate APR. 2018	Designed By MDE
rawn By MDE	Checked By DJD
sheet Name	
RUNWAY 5/23 INNER PORTION OF THE APPROACH SURFACE DRAWING	
sheet No.	
11	
Project No.:	
D140023	



RUNWAY 9R/27L OBSTRUCTION DATA TABLE							
NUMBER	DESCRIPTION	GROUND SURFACE ELEVATION	OBJECT ELEVATION	RW 9R/27L DEPARTURE SURFACE PENETRATION	RW 9R DEPARTURE SURFACE PENETRATION (FUTURE)	PROPOSED DISPOSITION	DISPOSITION DATE
17	TREE CANOPY HIGH POINTS	26.06	79.14	24.71	-	REMOVE	2018
87	TREE CANOPY HIGH POINTS	20.66	94.22	7.01	21.93	REMOVE	2018
88	TREE	26.80	83.16	-	8.40	REMOVE	2018
89	TREE CANOPY HIGH POINTS	25.49	75.57	-	11.71	REMOVE	2018
90	TREE CANOPY HIGH POINTS	25.85	74.70	-11.22	24.21	REMOVE	2018
91	3 INDIVIDUAL TREES	24.45	63.55	-	18.05	REMOVE	2018
92	3 INDIVIDUAL TREES	26.31	68.62	-9.17	-	REMOVE	2018
93	TREE CANOPY HIGH POINTS	25.83	70.87	-0.76	34.67	REMOVE	2018
94	3 INDIVIDUAL TREES	0.00	83.91	-	14.13	REMOVE	2018
94a	TREE CANOPY HIGH POINTS	25.59	76.51	-	2.06	REMOVE	2018
95	TREE CANOPY HIGH POINTS	25.21	75.68	-	12.37	REMOVE	2018
96	TREE CANOPY HIGH POINTS	24.46	67.75	-	19.43	REMOVE	2018
97	TREE CANOPY HIGH POINTS	25.94	74.37	10.23	28.24	REMOVE	2018
98	TREE	27.21	71.63	-5.68	-	REMOVE	2018
99	TREE	25.03	66.52	-9.48	-	REMOVE	2018
100	TREE	24.73	67.69	-4.62	-	REMOVE	2018
102	TREE	25.28	33.22	-4.85	-	REMOVE	2018
103	TREE	23.65	34.31	-0.49	-	REMOVE	2018
132	AIRPORT SIGN	20.37	23.69	2.15	-	FIXED BY FUNCTION	N/A
134	TREE	19.40	34.17	-2.49	-	REMOVE	2018
135	TREE	17.31	38.41	-0.89	-	REMOVE	2018
136	TREE	22.21	48.81	4.77	-	REMOVE	2018
137	TREE CANOPY HIGH POINTS	17.52	74.46	27.62	-	REMOVE	2018
139	POLE	17.94	56.82	1.74	-	INSTALL OL ON POLE	2018
140	TREE CANOPY HIGH POINTS	18.70	55.08	1.10	-	REMOVE	2018
141	TREE CANOPY HIGH POINTS	18.44	53.66	-0.54	-	REMOVE	2018
142	TREE CANOPY HIGH POINTS	18.58	63.66	-0.53	-	REMOVE	2018
143	TREE	19.26	61.00	-6.98	-	REMOVE	2018
144	TREE	18.17	49.61	-9.76	-	REMOVE	2018
145	TREE	18.93	58.18	-4.58	-	REMOVE	2018
146	4 INDIVIDUAL TREES	16.07	60.59	-7.53	-	REMOVE	2018
147	TREE	19.93	69.34	-4.86	-	REMOVE	2018
148	TREE	19.11	66.16	-6.95	-	REMOVE	2018
149	TREE	16.01	80.77	-5.60	-	REMOVE	2018
150	POLE	20.76	82.76	0.78	-	INSTALL OL ON POLE	2018
154	TREE CANOPY HIGH POINTS	27.51	75.31	-	-1.26	REMOVE	2018
155	TREE CANOPY HIGH POINTS	27.32	81.23	-	3.01	REMOVE	2018
156	TREE CANOPY HIGH POINTS	27.22	68.06	-	-8.05	REMOVE	2018
157	TREE CANOPY HIGH POINTS	22.57	81.91	-	2.11	REMOVE	2018
158	TREE CANOPY HIGH POINTS	25.94	76.53	-	-3.70	REMOVE	2018
159	TREE CANOPY HIGH POINTS	25.82	74.96	-	-7.89	REMOVE	2018
164	OL ON TL TWR 12-005183	25.42	94.40	-	5.03	NO ACTION (OL ON TWR)	N/A
165	OL ON TL TWR 12-020031	24.53	94.28	-	4.46	NO ACTION (OL ON TWR)	N/A
166	OL ON TL TWR 12-020032	24.84	83.30	-	-6.90	NO ACTION (OL ON TWR)	N/A
167	OL ON TL TWR 12-020100	25.23	83.19	-	-7.44	NO ACTION (OL ON TWR)	N/A
168	OL ON TL TWR 12-020101	24.73	81.06	-	-10.14	NO ACTION (OL ON TWR)	N/A
169	TL TWR	25.19	95.55	-	6.62	NO ACTION (OL ON TWR)	N/A



DECLINATION 6.7° W
0.09° WEST PER YEAR
MARCH 2017



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P: (813) 207-7200



C&S Engineers, Inc.



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MELBOURNE INTERNATIONAL AIRPORT • MLLB

AIRPORT LAYOUT PLAN DRAWING SET

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ate PR. 2018	Designed By MDE
rawn By	Checked By

Meet Name

RUNWAY 9R/27L

DEPARTURE

SURFACE

DRAWING

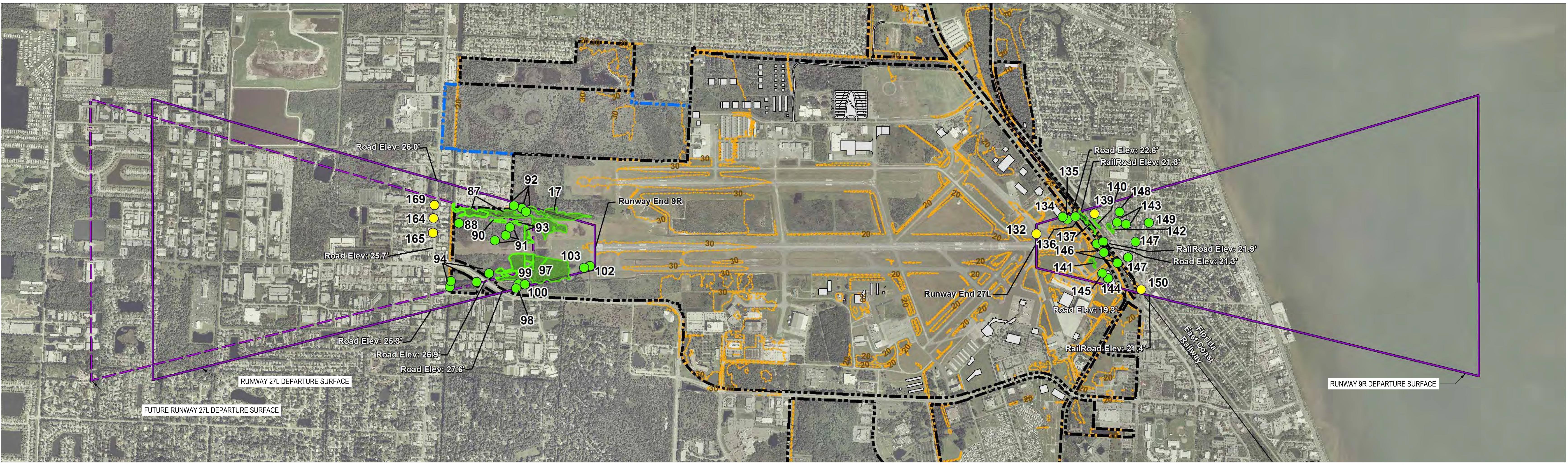
For more information about the study, please contact Dr. [REDACTED] at [REDACTED].

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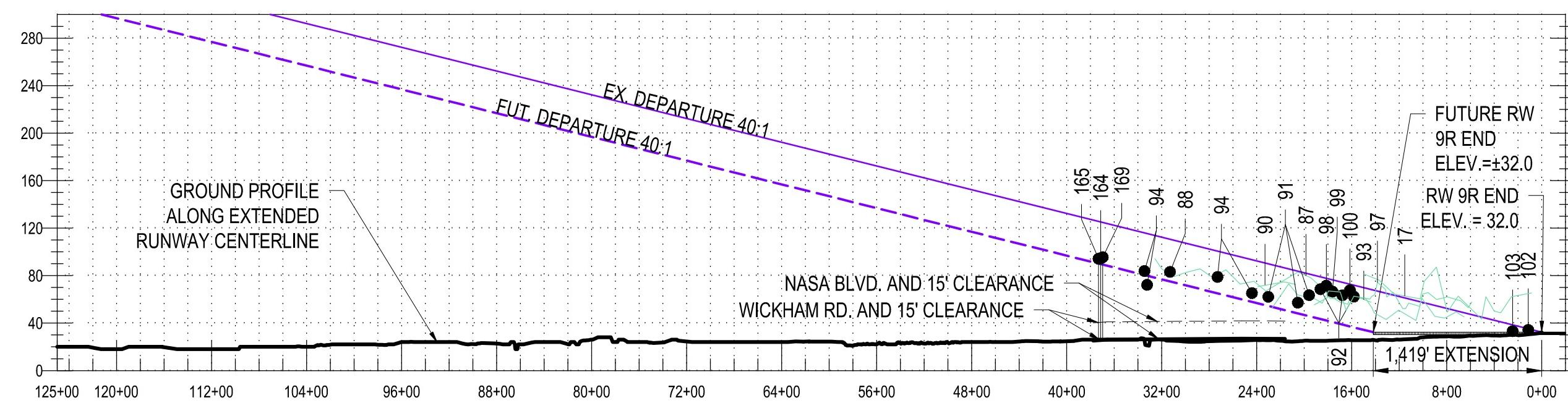
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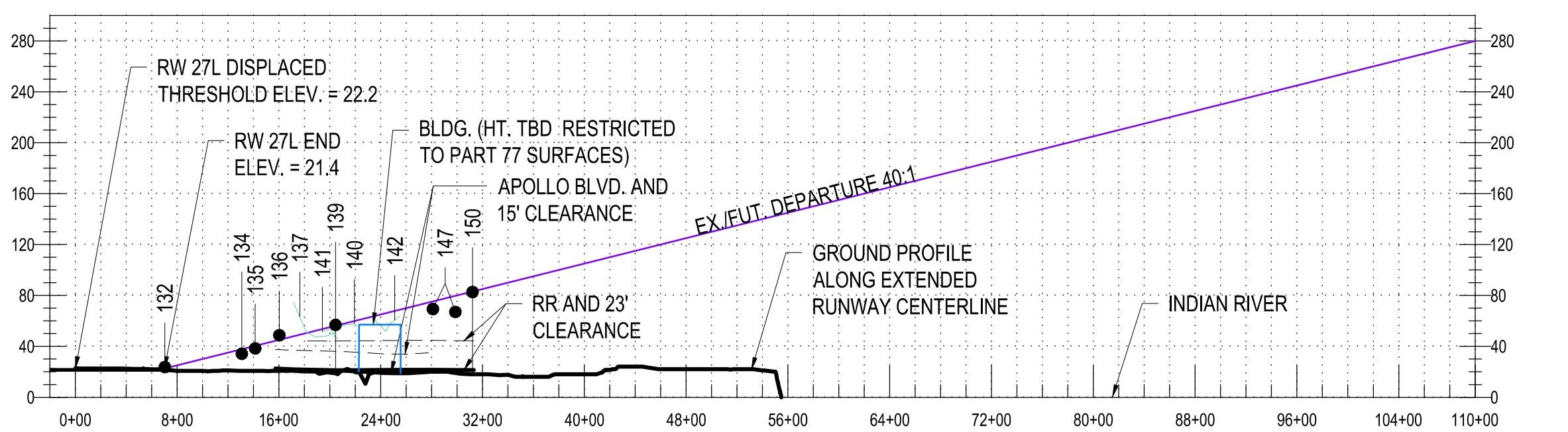
D140023



PROFILE VIEW: RUNWAY 27L DEPARTURE SCALE: V: 1"= 100', H: 1"=1000'



PROFILE VIEW: RUNWAY 9R DEPARTURE SCALE: V: 1"= 100', H: 1"=1000'

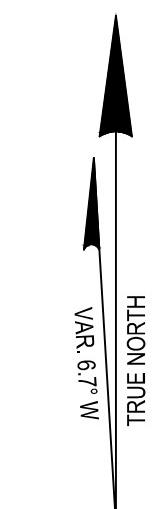


0 500' 1000'

MAGNETIC DECLINATION 6.7° W
CHANGES 0.09° WEST PER YEAR
MARCH 2017

1

1. ONLY DEPICTS FUTURE LAND USE DESIGNATIONS FOR UNDEVELOPED PORTIONS OF THE CURRENT AIRPORT PROPERTY BOUNDARY. OUTSIDE OF THE CORE AIRFIELD FACILITIES, ANY REDEVELOPMENT WOULD NEED TO SUPPORT A SIMILAR USE OR RECEIVE APPROVAL FROM THE MELBOURNE AIRPORT AUTHORITY TO ENSURE COMPATIBILITY WITH THE CURRENT ON-AIRPORT LAND USE PLANS.
 2. THE LAND USE CATEGORIES AND LIMITS SHOWN BASED ON THE "FUTURE LAND USE AND AVAILABLE LOTS MAP" PREPARED FOR THE AIRPORT IN APRIL 2017
 3. THESE AREAS UNDER CONSTRUCTION. AS-BUILT DRAWINGS WILL BE USED TO UPDATE FUTURE REVISIONS.



DRAWING LEGEND

DRAWING LEGEND		
EXISTING	FUTURE	DESCRIPTION
		AIRPORT PROPERTY LINE
		RUNWAY PROTECTION ZONE (RPZ)
		RUNWAY VISIBILITY ZONE (RVZ)
		BUILDINGS
		AIRSIDE PAVEMENT
		LANDSIDE PAVEMENT
	N/A	UNPAVED ROAD
N/A		TO BE REMOVED
		RAILROAD
		FENCE

FUTURE LAND USE LEGEND

SYMBOL	DESCRIPTION
	HIGH TECHNOLOGY MANUFACTURING
	GENERAL MANUFACTURING/WAREHOUSE
	OFFICE
	MIXED USE (OFFICE/COMMERCIAL/MANUFACTURING)
	HIGH VALUE COMMERCIAL
	AVIATION (WITH AIRFIELD ACCESS OR POTENTIAL AIRFIELD ACCESS)
	RESIDENTIAL/MOBILE HOMES
	OPTIONED

ABBREVIATIONS

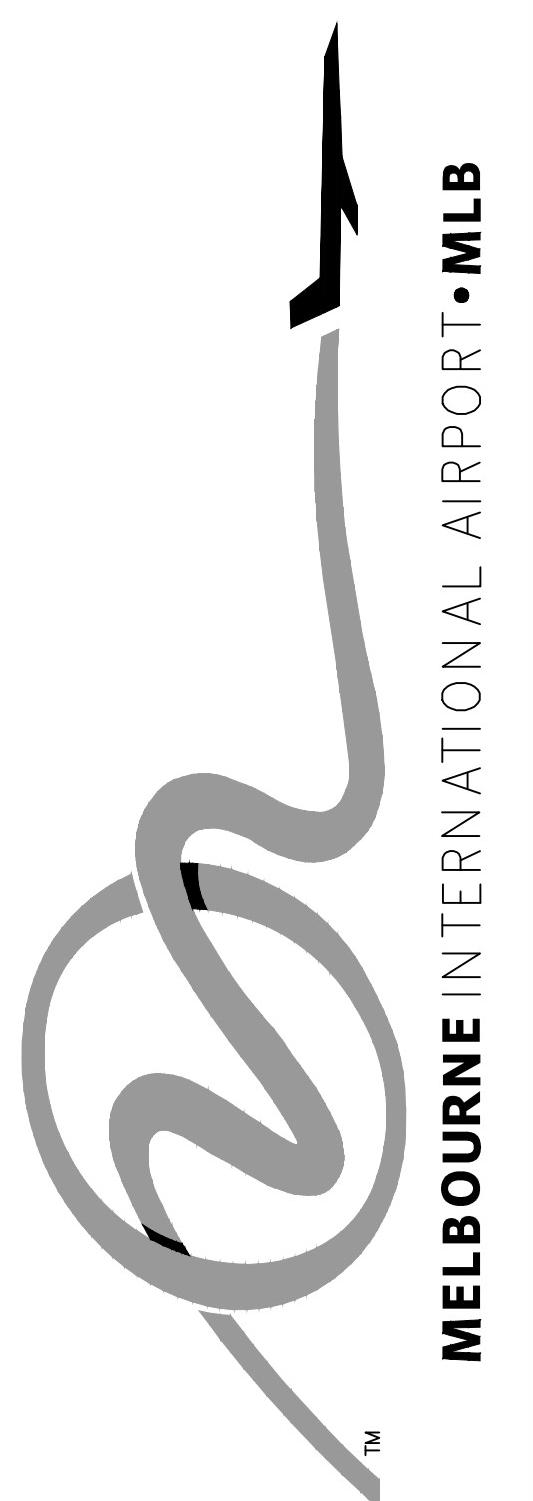
EQUIP	EQUIPMENT
FUT	FUTURE
LOC	LOCALIZER
MALSR	MEDIUM INTENSITY APPROACH LIGHTING SYSTEM WITH RUNWAY ALIGNMENT INDICATOR LIGHTS
PR	PATROL ROAD
RAC	RENTAL CAR
RWY	RUNWAY
SIDA	SECURE IDENTIFICATION DISPLAY AREA



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5 E. Robinson St., Suite 210
Orlando, Florida 32801
Phone: 407-422-1118



AIRPORT LAYOUT PLAN DRAWING SET

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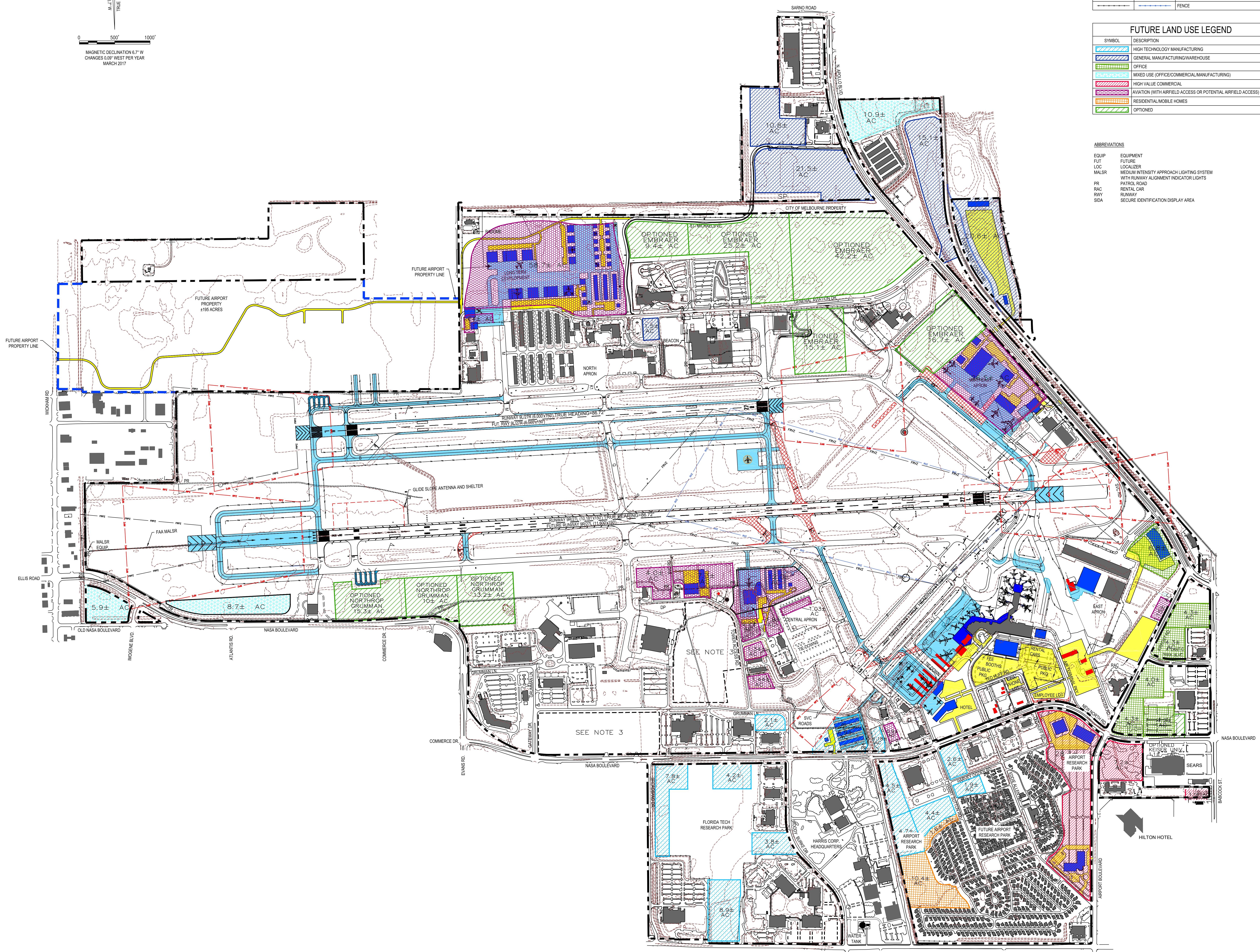
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rawn By HS	Checked By DJD


Meet Name

ON-AIRPORT LAND USE DRAWING

Sheet No.

14





W. 43 38'N
TRUE NORTH



MELBOURNE INTERNATIONAL AIRPORT • MLB

AIRPORT LAYOUT PLAN DRAWING SET

REVISION

No.	Date	Revision
	APR. 2018	SV

Drawn By SV Checked By DJD


Sheet Name

OFF-AIRPORT LAND USE DRAWING

Sheet No.

15

Project No.: D140023





SMITH

SURVEYING

MAPPING INC.



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AIRPORT LAYOUT PLAN DRAWING SET

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No.	Date	Revision

Date: APR. 2018
Drawn By: PAD
Designed By: WEP

Sheet Name

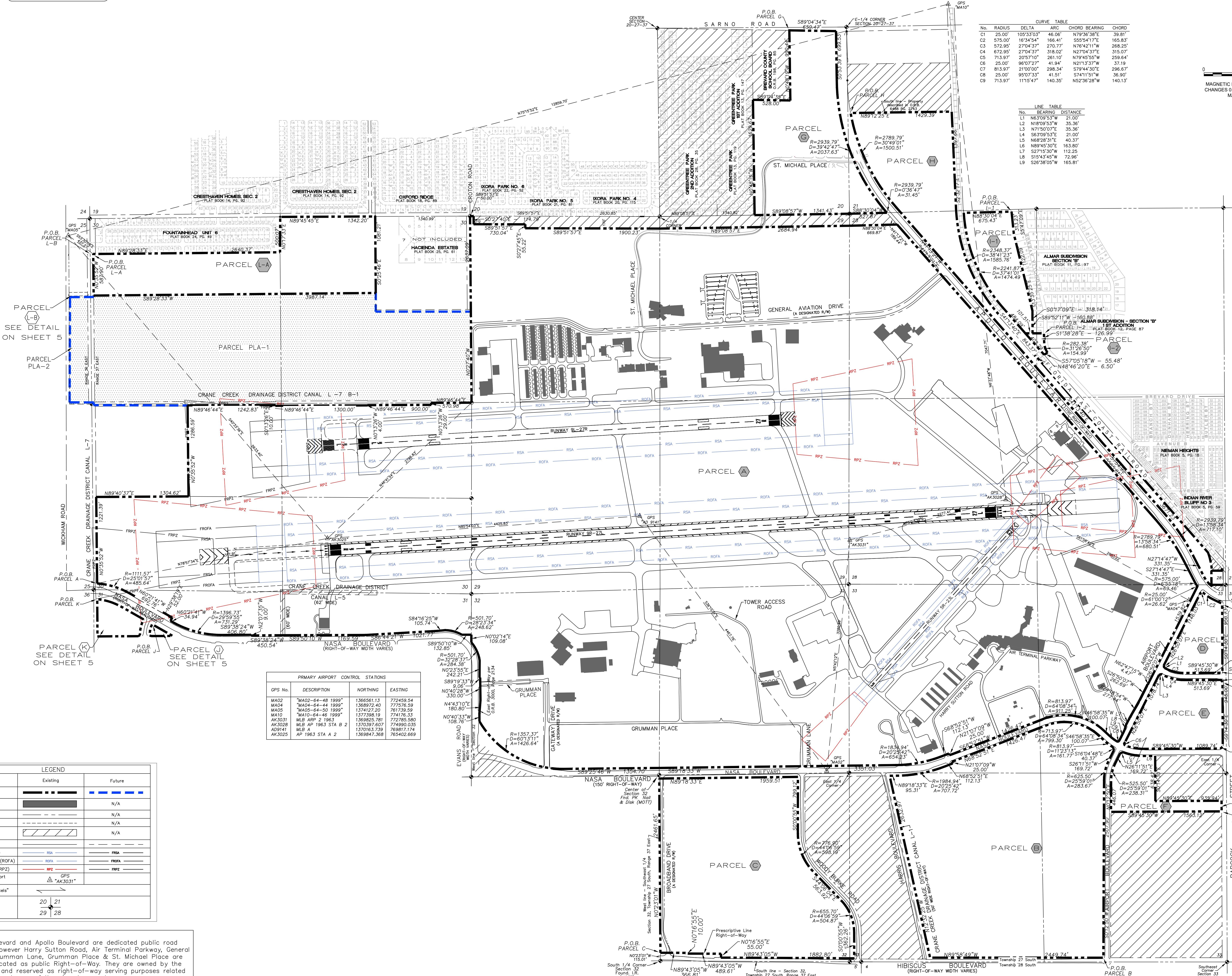
PROPERTY MAP BOUNDARY SURVEY

2 OF 4

Sheet No.

17

Project No.: D140023



ABBREVIATIONS	
P.O.B.	= POINT OF BEGINNING
O.R.B.	= OFFICIAL RECORDS BOOK
D.B.	= OFFICIAL RECORDS BOOK
P.G.	= PAGE
R	= RADUS
D	= DELTA
A	= ARC DISTANCE
C.B.	= CHORD BEARING
CH.	= CHORD DISTANCE

CURVE TABLE					
No.	RADIUS	DELTA	ARC	CHORD BEARING	CHORD
C1	25.00'	1053'30"	46.06'	N79°36'38"E	39.81'
C2	25.00'	16'34"54"	166.41'	S55°54'17"E	165.83'
C3	575.90'	27'04"37"	270.77'	N76°42'11"W	268.25'
C4	672.95'	27'04"37"	318.02'	N27°04'37"E	315.07'
C5	25.00'	98'07"27"	41.94'	N21°33'37"W	37.19'
C6	25.00'	95'07"33"	41.51'	S74°11'30"E	296.67'
C7	813'97'	21'00"00"	298.34'	S79°44'30"E	36.90'
C8	25.00'	95'07"33"	41.51'	S74°11'30"W	140.13'
C9	713'97'	11'15"47"	141.51'	N52°36'28"W	140.13'

0 500' 1,000'
MAGNETIC DECLINATION 6.7° W
CHANGES 0.05° WEST PER YEAR
MARCH 2017

